Bruhat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Project Division

# Construction of Open Air Theater at Ward No.07 in Byatarayanpura Assembly Constituency

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | BUILDING WORK | | | | | | | | | |
| 1 | KSRB 2 - 1.1: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeeding 50 m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.specification No.KBS 2.1(a) / 2.3.1 (PWD, S.R. 2018-19)(Page No. 5, Item No.2.1) | | | | | | | | | |
| | Basic Rate = | 249.00 | | | | | | | | |
| | Area Weightage @8%= | 19.92 | | | | | | | | |
| | **Total Rate =** | **268.92** | Cum | | | | | | | |
| | For levelling (total area) | | | | | | | | | |
| | STAGE | | | 1 | 15.00 | 6.00 | 0.30 | 27.00 | | |
| | Toilet room | | | 1 | 3.50 | 3.10 | 0.30 | 3.26 | | |
| | | | | | | | | **30.26** | 268.92 | 8136.17 |
| 2 | KSRB 2-2.2: Earthwork excavation by manual means for foundation of buildings,water supply,sanitary lines and electrical conduits either in pis or in trenches1.5m and above in width,in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits & trenches ,stacking the excavated soil clear from the edges of excavation with lead upto 50m after breaking of clods complete as per specifications. specification No.KBS2.1(b) /2.3.5 (PWD, S.R. 2018-19)(Page No. 5, Item No.2.4) | | | | | | | | | |
| | Basic Rate = | 449.00 | | | | | | | | |
| | Area Weightage @8%= | 35.92 | | | | | | | | |
| | **Total Rate =** | **484.92** | Cum | | | | | | | |
| | F1 | | | 3 | 3.35 | 3.05 | 1.50 | 45.98 | | |
| | F2 | | | 6 | 2.30 | 2.00 | 1.50 | 41.40 | | |
| | External Wall | | | | | | | | | |
| | STAGE | | | 2 | 15.00 | 0.60 | 1.20 | 21.60 | | |
| | | | | 2 | 4.70 | 0.60 | 1.20 | 6.77 | | |
| | Toilet room | | | 2 | 3.50 | 0.60 | 1.20 | 5.04 | | |
| | Partition Wall | | | 2 | 3.10 | 0.60 | 1.20 | 4.46 | | |
| | | | | 1 | 3.50 | 0.60 | 1.20 | 2.52 | | |
| | | | | | | | | **127.77** | **484.92** | **61958.59** |
| 3 | KSRB-3.2 : Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipements, complete as per specifications. (Plinth area of the building at ground floor only shall be measured). specification No. KBS: 3.2.6 / 3.2.7, (Sl.No 3.2/ Page No. 9). (SR 2018-2019), | | | | | | | | | |
| | Basic Rate = | 106.00 | | | | | | | | |
| | Area Weightage @8%= | 8.48 | | | | | | | | |
| | **Total Rate =** | **114.48** | Sqm | | | | | | | |
| | STAGE | | | 1.00 | 15.00 | 6.00 | | 90.00 | | |
| | Toilet room | | | 1.00 | 3.50 | 3.10 | | 10.85 | | |
| | | | | | | | | **100.85** | **114.48** | **11545.31** |
| 4 | KSRB4-1.3:- Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57 cum machine mixed concrete laid layers not exceeding 15cms thick well compacted in foundation and plinth including cost of all materials, labour. HOM of mahinery, curing complete as per specifications . specification no KBS 4.1,4.2 (PWD, S.R. 2018-19)(Page No. 12, Item No.4.3) | | | | | | | | | |
| | Basic Rate = | 5102.00 | | | | | | | | |
| | Area Weightage @8%= | 408.16 | | | | | | | | |
| | **Total Rate =** | **5510.16** | Cum | | | | | | | |
| | F1 | | | 3 | 3.35 | 3.05 | 0.15 | 4.60 | | |
| | F2 | | | 6 | 2.30 | 2.00 | 0.15 | 4.14 | | |
| | External Wall | | | | | | | | | |
| | STAGE | | | 2 | 15.00 | 0.60 | 0.15 | 2.70 | | |
| | 0 | | | 2 | 4.70 | 0.60 | 0.15 | 0.85 | | |
| | Toilet room | | | 2 | 3.50 | 0.60 | 0.15 | 0.63 | | |
| | Partition Wall | | | 2 | 3.10 | 0.60 | 0.15 | 0.56 | | |
| | 0 | | | 1 | 3.50 | 0.60 | 0.15 | 0.32 | | |
| | | | | | | | | **13.79** | **5510.16** | **75967.89** |
| 5 | KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, Pedastals, retaining walls, return walls (any thickness) including attached pilasters, columns, pillars, posts, struts, bed blocks, anchor blocks and Plinth etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (PWD, S.R. 2018-19)(Page No. 13, Item No.4.10) | | | | | | | | | |
| | Basic Rate = | 5812.00 | | | | | | | | |
| | Area Weightage @8%= | 464.96 | | | | | | | | |
| | **Total Rate =** | **6276.96** | Cum | | | | | | | |
| | F1 | | | 3 | 3.15 | 2.85 | 0.60 | 16.16 | | |
| | F2 | | | 6 | 2.10 | 1.80 | 0.50 | 11.34 | | |
| | | | | | | | | **27.50** | **6276.96** | **172613.26** |
| 6 | KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth, compacting each deposited layers by ramming after watering with lead upto 50 m and lift upto 1.5m including cost of all labour complete as per specifications.(PWD, S.R. 2018-19)( Page No. 6, item No. 2.10 ). | | | | | | | | | |
| | Basic Rate = | 201.00 | | | | | | | | |
| | Area Weightage @8%= | 16.08 | | | | | | | | |
| | **Total Rate =** | **217.08** | Cum | | | | | | | |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | Total Earth Work Qty. | | | | | | | 158.03 | | |
| | Deduct | | | | | | | | | |
| | Bed Concrete | | | | | | | 13.79 | | |
| | Footing | | | | | | | 27.50 | | |
| | Columns upto ground level | | | | | | | 2.11 | | |
| | S.S.M.Masonry in foundation | | | | | | | 48.50 | | |
| | | | | | | | | | | |
| | | | | | | | | **91.89** | | |
| | filling below building | | | 1 | 16.00 | 6.00 | 1.00 | 96.00 | | |
| | | | | 1 | 3.50 | 3.10 | 0.60 | 6.51 | | |
| | | | | | | | | **102.51** | **217.08** | **22252.87** |
| 7 | KSRB5.2.2: Providing and constructing granite/trap/basalt size stone masonry in foundation with cement mortor 1:8,stone hammer dressed in courses less than 20 cms high.bond stones at 2 m apart in each course, including cost of all materials ,labour, curing complete as per specification. No. KBS 5.1.13 (PWD, S.R. 2018-19)( Page No. 23, item No. 5.5) | | | | | | | | | |
| | Basic Rate = | 4494.00 | | | | | | | | |
| | Area Weightage @8%= | 359.52 | | | | | | | | |
| | **Total Rate =** | **4853.52** | Cum | | | | | | | |
| | External wall | | | | | | | | | |
| | | | | 2 | 15.00 | 0.60 | 1.00 | 18.00 | | |
| | 2ND STEP | | | 2 | 4.70 | 0.60 | 1.00 | 5.64 | | |
| | | | | 2 | 15.00 | 0.45 | 1.00 | 13.50 | | |
| | Partition | | | 2 | 4.70 | 0.45 | 1.00 | 4.23 | | |
| | Toilet room | | | 2 | 3.50 | 0.45 | 1.20 | 3.78 | | |
| | Partition Wall | | | 2 | 3.10 | 0.45 | 1.20 | 3.35 | | |
| | | | | | | | | 48.50 | | |
| | | | | | | | | **48.50** | **4853.52** | **235386.01** |
| 8 | KSRB 4.2.7 :Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in Ground Floor Level for Roof Slabs, Staircase, Lintels and Beams, retaining walls, return walls, Walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, Parapets, Coping, bed blocks, anchor blocks, Plain Window Cills, Fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (PWD, S.R. 2018-19)( Page No. 13, item No. 4.12) | | | | | | | | | |
| | Basic Rate = | 6045 | | | | | | | | |
| | Area Weightage @8%= | 483.60 | | | | | | | | |
| | **Total Rate =** | **6528.60** | Cum | | | | | | | |
| | Columns Upto Ground level | | | 3 | 0.20 | 0.75 | 1.80 | 0.81 | | |
| | | | | 6 | 0.20 | 0.60 | 1.80 | 1.30 | | |
| | Columns | | | | | | | **2.11** | | |
| | | | | 3 | 0.20 | 0.75 | 4.15 | 1.87 | | |
| | | | | 6 | 0.20 | 0.60 | 4.15 | 2.99 | | |
| | Plinth Beam | | | | | | | **4.86** | | |
| | STAGE | | | 2 | 15.00 | 0.20 | 0.45 | 2.70 | | |
| | | | | 2 | 6.00 | 0.20 | 0.45 | 1.08 | | |
| | Toilet room | | | 2 | 6.00 | 0.20 | 0.45 | 1.08 | | |
| | | | | 2 | 3.00 | 0.20 | 0.45 | 0.54 | | |
| | | | | | | | | **5.40** | | |
| | Roof Beam | | | | | | | | | |
| | GB | | | 2 | 15.00 | 0.20 | 0.60 | 3.60 | | |
| | | | | 2 | 6.00 | 0.20 | 0.60 | 1.44 | | |
| | Toilet | | | 2 | 6.60 | 0.20 | 0.38 | 0.99 | | |
| | | | | | | | | **6.03** | | |
| | Slabs | | | | | | | | | |
| | Toilet room | | | 1 | 3.50 | 3.10 | 0.15 | 1.63 | | |
| | | | | | | | | **1.63** | | |
| | Lintel | | | | | | | | | |
| | throghout lintel | | | 1 | 15.00 | 0.20 | 0.20 | 0.60 | | |
| | | | | 2 | 4.70 | 0.20 | 0.20 | 0.38 | | |
| | | | | 2 | 2.90 | 0.20 | 0.20 | 0.23 | | |
| | | | | 2 | 4.47 | 0.20 | 0.20 | 0.36 | | |
| | Toilet | | | 1 | 10.80 | 0.10 | 0.20 | 0.22 | | |
| | | | | | | | | **1.78** | | |
| | | | | | | | | **21.80** | **6528.60** | **142327.40** |
| 9 | KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specification Specification No. KBS 4.6.2 (PWD, S.R. 2018-19)(PWD, S.R. 2018-19) (Item No. 4.28) | | | | | | | | | |
| | Basic Rate = | 258.00 | | | | | | | | |
| | Area Weightage @8%= | 20.64 | | | | | | | | |
| | **Total Rate =** | **278.64** | Sqm | | | | | | | |
| | footing F1 | | | 3 | 12.00 | | 0.60 | 21.60 | | |
| | F2 | | | 6 | 7.80 | | 0.50 | 23.40 | | |
| | | | | | | | | **45.00** | **278.64** | **12538.80** |
| 10 | KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (PWD, S.R. 2018-19)( Page No. 15, item No. 4.34) | | | | | | | | | |
| | Basic Rate = | 292.00 | | | | | | | | |
| | Area Weightage @8%= | 23.36 | | | | | | | | |
| | **Total Rate =** | **315.36** | Sqm | | | | | | | |
| | PB(200*450) | | | 2 | 15.00 | | 0.90 | 27.00 | | |
| | | | | 2 | 6.00 | | 0.90 | 10.80 | | |
| | | | | 2 | 6.00 | | 0.90 | 10.80 | | |
| | | | | 2 | 3.00 | | 0.90 | 5.40 | | |
| | GB | | | 2 | 15.00 | | 1.25 | 37.50 | | |
| | | | | 2 | 6.00 | | 1.25 | 15.00 | | |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 2 | 6.60 | | 0.80 | 10.56 | | |
| | | | | | | | | **117.06** | **315.36** | **36916.04** |
| 11 | KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (PWD, S.R. 2018-19)( Page No. 16, item No. 4.32) | | | | | | | | | |
| | Basic Rate = | 456.00 | | | | | | | | |
| | Area Weightage @8%= | 36.48 | | | | | | | | |
| | **Total Rate =** | **492.48** | Sqm | | | | | | | |
| | Columns Upto Ground level | | | 3 | 1.90 | | 1.80 | 10.26 | | |
| | | | | 6 | 1.60 | | 1.80 | 17.28 | | |
| | | | | | | | | **27.54** | | |
| | Above GL | | | 3 | 1.90 | | 4.15 | 23.66 | | |
| | | | | 6 | 1.60 | | 4.15 | 39.84 | | |
| | | | | | | | | **63.50** | | |
| | | | | | | | | **91.04** | **492.48** | **44832.92** |
| 12 | KSRB 4-6.2: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (PWD, S.R. 2018-19)(Page No. 15, item No. 4.29.2) | | | | | | | | | |
| | Basic Rate = | 400.00 | | | | | | | | |
| | Area Weightage @8%= | 32.00 | | | | | | | | |
| | **Total Rate =** | **432.00** | Sqm | | | | | | | |
| | Slabs | | | | | | | | | |
| | Toilet room | | | 1 | 3.50 | 3.10 | | 10.85 | | |
| | | | | | | | | **10.85** | **432.00** | **4687.20** |
| 13 | KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20 kgs, with 12mm and down size graded granite metal coarse aggregates @ 0.05865 cum and line agregtes @ 0.0391 cum, with superplastisiser @ 0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing complete but cxcluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6, (Sl. No. 4.20, | | | | | | | | | |
| | Basic Rate = | 496.00 | | | | | | | | |
| | Area Weightage @8%= | 39.68 | | | | | | | | |
| | **Total Rate =** | **535.68** | Sqm | | | | | | | |
| | W | | | 4 | 1.60 | 0.60 | | 3.84 | | |
| | V | | | 2 | 1.15 | 0.60 | | 1.38 | | |
| | | | | | | | | **5.22** | **535.68** | **2796.25** |
| 14 | KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2, (Sl. No. 4.37, Page No.16), (SR 2018-19), | | | | | | | | | |
| | Basic Rate = | 323.00 | | | | | | | | |
| | Area Weightage @8%= | 25.84 | | | | | | | | |
| | **Total Rate =** | **348.84** | Sqm | | | | | | | |
| | W | | | 4 | 1.60 | 0.60 | | 3.84 | | |
| | V | | | 2 | 1.15 | 0.60 | | 1.38 | | |
| | | | | | | | | **5.22** | **348.84** | **1820.94** |
| 15 | KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (PWD, S.R. 2018-19)( Page No. 15, item No. 4.34) | | | | | | | | | |
| | Basic Rate = | 292.00 | | | | | | | | |
| | Area Weightage @8%= | 23.36 | | | | | | | | |
| | **Total Rate =** | **315.36** | Sqm | | | | | | | |
| | lintels | | | 1 | 15.00 | | 0.60 | 9.00 | | |
| | | | | 2 | 4.70 | | 0.60 | 5.64 | | |
| | | | | 2 | 2.90 | | 0.60 | 3.48 | | |
| | | | | 2 | 4.47 | | 0.60 | 5.36 | | |
| | | | | 1 | 10.80 | | 0.50 | 5.40 | | |
| | | | | | | | | **28.88** | **315.36** | **9108.86** |
| 16 | KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3<br>-do- TMT bars Fe 550(PWD, S.R. 2018-19)( Page No. 1, item No. 4.46.3) | | | | | | | | | |
| | Basic Rate = | 64961.00 | | | | | | | | |
| | Area Weightage @8%= | 5196.88 | | | | | | | | |
| | **Total Rate =** | **70157.88** | Tonne | | | | | | | |
| | Footings @ 75Kg/cum | | | | 27.50 | | | 20.62 | | |
| | Columns @ 250Kg/cum | | | | 6.96 | | | 17.40 | | |
| | Plinth beam @120Kg/cum | | | | 5.40 | | | 6.48 | | |
| | Roof Slab @ 85Kg/cum | | | | 1.63 | | | 1.38 | | |
| | Lintel @ 65Kg/cum | | | | 1.78 | | | 1.16 | | |
| | Chajja @ 15Kg/sqm | | | | 5.22 | | | 1.04 | | |
| | Roof Beam @ 150Kg/cum | | | | 6.03 | | | 9.05 | | |
| | | | | | | | | **57.14** | | |
| | | | | | | | | **5.71** | **70157.88** | **400873.64** |
| 17 | KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/cum having a minimum average compressive strength of 4.00N/mm2 confirming to IS 2185(Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding , curing , hire charges of machineries etc., complete as per specfications . KBS No.5.4 with solid concrete blocks of size 40x20x20cm (PWD, S.R. 2018-19)(Page No. 24, item No. 5.26.1) | | | | | | | | | |
| | Basic Rate = | 962.00 | | | | | | | | |
| | Area Weightage @8%= | 76.96 | | | | | | | | |
| | **Total Rate =** | **1038.96** | Sqm | | | | | | | |
| | | | | 1 | 15.00 | | 4.00 | 60.00 | | |
| | | | | 4 | 4.70 | | 4.00 | 75.20 | | |
| | | | | 2 | 2.90 | | 4.00 | 23.20 | | |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | Toilet | | | 1 | 10.40 | | 3.00 | 31.20 | | |
| | | | | | | | | 189.60 | | |
| | Deduct | | | | | | | | | |
| | D | | | 4 | 0.75 | | 2.10 | 6.30 | | |
| | W | | | 4 | 1.20 | | 1.50 | 7.20 | | |
| | V | | | 2 | 0.75 | | 0.60 | 0.90 | | |
| | | | | | | | | 14.40 | | |
| | | | | | | | | 175.20 | 1038.96 | 182025.79 |
| 18 | KSRB 5-14.1 : Providing and constructing non load beraing wall with solid concrete blocks of size 400x100x200mm having block density not less than 1800 kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to I.S 2185 (Part I) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing hire charges of machineries etc. complete as per specifications. (S.No. 5.28, Page No. 25), (SR 2018-19), | | | | | | | | | |
| | Basic Rate = | 811.00 | | | | | | | | |
| | Area Weightage @8%= | 64.88 | | | | | | | | |
| | **Total Rate =** | **875.88** | Sqm | | | | | | | |
| | toilet partition | | | 1 | 1.50 | | 3.00 | 4.50 | | |
| | Parappette | | | | | | | | | |
| | | | | 1 | 55.20 | | 1.00 | 55.20 | | |
| | | | | | | | | 59.70 | | |
| | | | | | | | | 59.70 | 937.68 | 55979.50 |
| 19 | KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggrigate @0.85cum and fine aggrigates @0.57cum machine mixed,machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2, (Sl.No 4.3, Page No. 12), (SR 2018-19), | | | | | | | | | |
| | Basic Rate = | 5102.00 | | | | | | | | |
| | Area Weightage @8%= | 408.16 | | | | | | | | |
| | **Total Rate =** | **5510.16** | Cum | | | | | | | |
| | Stage | | | | | | | | | |
| | Toilet room | | | 1 | 6.00 | 15.00 | 0.15 | 13.50 | | |
| | | | | 1 | 3.50 | 3.10 | 0.15 | 1.63 | | |
| | | | | | | | | 15.13 | 5510.16 | 83354.95 |
| 20 | Providing and fixing granite flooring in combination of 19mm thick (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thicl (avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification. (P.No. 109, I.No. 14.58 of PWD SR 2018-19) | | | | | | | | | |
| | Basic Rate = | 3474.00 | | | | | | | | |
| | Area Weightage @8%= | 277.92 | | | | | | | | |
| | **Total Rate =** | **3751.92** | Sqm | | | | | | | |
| | Stage | | | | | | | | | |
| | Rooms | | | 1 | 8.97 | 6.00 | | 53.82 | | |
| | | | | 2 | 4.30 | 2.50 | | 21.50 | | |
| | | | | | | | | 75.32 | 3753.54 | 282716.63 |
| 21 | Mineral Fiber accoustic suspended ceiling : Providing and laying of world class mineral acoustic ceiling panels of as per the following specification:- Tile of approved make Mineral Acoustic ceiling panels of size 595x595mm-12mm thick suitable for use in arrears up to 40 C and RH 70UR as per manufacturer. Tile have 15 min fire retardant and does not contain asbestos/urea formaldehyde, Technical details of New Modena are- Thermal conductivity Non-disposable, Light Reflection 80% fire resistance Non-resistance Non-disposable. Mineral fiber ceiling panels are placed inside the grid work. (P.No. 313, I.No. 39.12.7 of CSR 2018-19) | | | | | | | | | |
| | Basic Rate = | 2288.00 | | | | | | | | |
| | Area Weightage @8%= | 183.04 | | | | | | | | |
| | **Total Rate =** | **2471.04** | Sqm | | | | | | | |
| | Stage | | | | | | | | | |
| | Rooms | | | 1 | 8.97 | 6.00 | | 53.82 | | |
| | | | | 2 | 4.30 | 2.50 | | 21.50 | | |
| | | | | | | | | 75.32 | 2472.66 | 186240.75 |
| 22 | Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including curing etc., complete. (P.No. 108, I.No. 14.49 of PWD SR 2018-19) | | | | | | | | | |
| | Basic Rate = | 3542.00 | | | | | | | | |
| | Area Weightage @8%= | 283.36 | | | | | | | | |
| | **Total Rate =** | **3825.36** | Sqm | | | | | | | |
| | Stage | | | | | | | | | |
| | | | | 1 | 8.97 | | 4.00 | 35.88 | | |
| | | | | 2 | 4.70 | | 4.00 | 37.60 | | |
| | Rooms | | | 2 | 12.70 | | 3.00 | 76.20 | | |
| | Front of rooms | | | 2 | 2.70 | | 3.00 | 16.20 | | |
| | stage front | | | 1 | 15.00 | | 1.00 | 15.00 | | |
| | | | | | | | | 180.88 | 3826.98 | 692224.14 |
| 23 | Providing and laying pattern flooring for staircase treads and risers using the combination of 20mm thick ruby red granite @ 66%,20 mm thick grey granite @ 20%, 20mm thick, 20mm thick black granite 14%. The granite materials are laid on existing bed of CM 1:3 20mm thick pointed with colour pigment, including full rounding for nosing, flaming the ruby red granite for 50 mm wide curing etc., complete as per specification. (P.No. 107, I.No. 14.46 of PWD SR 2018-19) | | | | | | | | | |
| | Basic Rate = | 7194.00 | | | | | | | | |
| | Area Weightage @8%= | 575.52 | | | | | | | | |
| | **Total Rate =** | **7769.52** | Sqm | | | | | | | |
| | Steps | | | | | | | | | |
| | | | | 12 | 1.50 | 0.30 | | 5.40 | | |
| | | | | 12 | 1.50 | | 0.15 | 2.70 | | |
| | | | | 2 | 1.50 | 1.10 | | 3.30 | | |
| | | | | | | | | 11.40 | 7771.14 | 88591.00 |
| 24 | KSRB 14.14-5 : Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. Specification No. KBS, (Ceramic anti skid Tiles of size 400 x 400mm on a bed of 20 mm thick), (Sl. No 14.36.3, Page No. 106, (SR 2018-19), | | | | | | | | | |
| | Basic Rate = | 1348.00 | | | | | | | | |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | Toilet | | | 1 | 10.40 | | 3.00 | 31.20 | | |
| | | | | | | | | **189.60** | | |
| | Deduct | | | | | | | | | |
| | D | | | 4 | 0.75 | | 2.10 | 6.30 | | |
| | W | | | 4 | 1.20 | | 1.50 | 7.20 | | |
| | V | | | 2 | 0.75 | | 0.60 | 0.90 | | |
| | | | | | | | | **14.40** | | |
| | | | | | | | | **175.20** | 1038.96 | 182025.79 |
| 18 | KSRB 5-14.1 : Providing and constructing non load beraing wall with solid concrete blocks of size 400x100x200mm having block density not less than 1800 kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to I.S 2185 (Part I) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing hire charges of machineries etc. complete as per specifications. (S.No. 5.28, Page No. 25), (SR 2018-19), | | | | | | | | | |
| | Basic Rate = | 811.00 | | | | | | | | |
| | Area Weightage @8%= | 64.88 | | | | | | | | |
| | **Total Rate =** | **875.88** | Sqm | | | | | | | |
| | toilet partition | | | 1 | 1.50 | | 3.00 | 4.50 | | |
| | | | | | | | | | | |
| | Parappette | | | 1 | 55.20 | | 1.00 | 55.20 | | |
| | | | | | | | | **59.70** | | |
| | | | | | | | | **59.70** | 937.68 | 55979.50 |
| 19 | KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggrigate @0.85cum and fine aggrigates @0.57cum machine mixed,machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2, (Sl.No 4.3, Page No. 12), (SR 2018-19), | | | | | | | | | |
| | Basic Rate = | 5102.00 | | | | | | | | |
| | Area Weightage @8%= | 408.16 | | | | | | | | |
| | **Total Rate =** | **5510.16** | Cum | | | | | | | |
| | Stage | | | 1 | 6.00 | 15.00 | 0.15 | 13.50 | | |
| | Toilet room | | | 1 | 3.50 | 3.10 | 0.15 | 1.63 | | |
| | | | | | | | | **15.13** | 5510.16 | 83354.95 |
| 20 | Providing and fixing granite flooring in combination of 19mm thick (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thicl (avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification. (P.No. 109, I.No. 14.58 of PWD SR 2018-19) | | | | | | | | | |
| | Basic Rate = | 3474.00 | | | | | | | | |
| | Area Weightage @8%= | 277.92 | | | | | | | | |
| | **Total Rate =** | **3751.92** | Sqm | | | | | | | |
| | Stage | | | 1 | 8.97 | 6.00 | | 53.82 | | |
| | Rooms | | | 2 | 4.30 | 2.50 | | 21.50 | | |
| | | | | | | | | **75.32** | 3753.54 | 282716.63 |
| 21 | Mineral Fiber accoustic suspended ceiling : Providing and laying of world class mineral acoustic ceiling panels of as per the following specification:- Tile of approved make Mineral Acoustic ceiling panels of size 595x595mm-12mm thick suitable for use in arrears up to 40 C and RH 70UR as per manufacturer. Tile have 15 min fire retardant and does not contain asbestos/urea formaldehyde, Technical details of New Modena are- Thermal conductivity Non-disposable, Light Reflection 80% fire resistance Non-resistance Non-disposable. Mineral fiber ceiling panels are placed inside the grid work. (P.No. 313, I.No. 39.12.7 of CSR 2018-19) | | | | | | | | | |
| | Basic Rate = | 2288.00 | | | | | | | | |
| | Area Weightage @8%= | 183.04 | | | | | | | | |
| | **Total Rate =** | **2471.04** | Sqm | | | | | | | |
| | Stage | | | 1 | 8.97 | 6.00 | | 53.82 | | |
| | Rooms | | | 2 | 4.30 | 2.50 | | 21.50 | | |
| | | | | | | | | **75.32** | 2472.66 | 186240.75 |
| 22 | Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including curing etc., complete. (P.No. 108, I.No. 14.49 of PWD SR 2018-19) | | | | | | | | | |
| | Basic Rate = | 3542.00 | | | | | | | | |
| | Area Weightage @8%= | 283.36 | | | | | | | | |
| | **Total Rate =** | **3825.36** | Sqm | | | | | | | |
| | Stage | | | 1 | 8.97 | | 4.00 | 35.88 | | |
| | | | | 2 | 4.70 | | 4.00 | 37.60 | | |
| | Rooms | | | 2 | 12.70 | | 3.00 | 76.20 | | |
| | Front of rooms | | | 2 | 2.70 | | 3.00 | 16.20 | | |
| | stage front | | | 1 | 15.00 | | 1.00 | 15.00 | | |
| | | | | | | | | **180.88** | 3826.98 | 692224.14 |
| 23 | Providing and laying pattern flooring for staircase treads and risers using the combination of 20mm thick ruby red granite @ 66%,20 mm thick grey granite @ 20%, 20mm thick, 20mm thick black granite 14%. The granite materials are laid on existing bed of CM 1:3 20mm thick pointed with colour pigment, including full rounding for nosing, flaming the ruby red granite for 50 mm wide curing etc., complete as per specification. (P.No. 107, I.No. 14.46 of PWD SR 2018-19) | | | | | | | | | |
| | Basic Rate = | 7194.00 | | | | | | | | |
| | Area Weightage @8%= | 575.52 | | | | | | | | |
| | **Total Rate =** | **7769.52** | Sqm | | | | | | | |
| | Steps | | | 12 | 1.50 | 0.30 | | 5.40 | | |
| | | | | 12 | 1.50 | | 0.15 | 2.70 | | |
| | | | | 2 | 1.50 | 1.10 | | 3.30 | | |
| | | | | | | | | **11.40** | 7771.14 | 88591.00 |
| 24 | KSRB 14.14-5 : Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. Specification No. KBS, (Ceramic anti skid Tiles of size 400 x 400mm on a bed of 20 mm thick), (Sl. No 14.36.3, Page No. 106, (SR 2018-19), | | | | | | | | | |
| | Basic Rate = | 1348.00 | | | | | | | | |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | Area Weightage @8%= | 107.84 | | | | | | | | |
| | **Total Rate =** | **1455.84** | Sqm | | | | | | | |
| | WC | | | 2 | 1.50 | 1.50 | | 4.50 | | |
| | Toilet | | | 1 | 3.50 | 1.10 | | 3.85 | | |
| | | | | | | | | **8.35** | **1455.84** | 12156.26 |
| 25 | KSRB 14-17.1: Providing skirting, dado, rises of steps with White glazed tiles 20x20cms 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. specification No. KBS 14.16,14.17(PWD, S.R. 2018-19)( Page No. 106, item No.14.40) | | | | | | | | | |
| | Basic Rate = | 1168.00 | | | | | | | | |
| | Area Weightage @8%= | 93.44 | | | | | | | | |
| | **Total Rate =** | **1261.44** | Sqm | | | | | | | |
| | WC | | | 2 | 5.25 | | 3.00 | 31.50 | | |
| | Toilet | | | 1 | 8.45 | | 3.00 | 25.35 | | |
| | | | | | | | | **56.85** | **1261.44** | 71712.86 |
| 26 | KSRB9.4.1-Providing Math/Nandi wood frames of doors ,windows, clerestory windows, ventilatorsand other frames,wroughtframed or assembled including making plaster grooves(excluding cost of cement concrete and side clamps),but including cost of materials,labour ,HOM of machineries, complete as per specifications. Specification No.KBS9.33 (PWD, S.R. 2018-19)( Page No. 51, item No. 9.12) | | | | | | | | | |
| | Basic Rate = | 73196.00 | | | | | | | | |
| | Area Weightage @8%= | 5855.68 | | | | | | | | |
| | **Total Rate =** | **79051.68** | Cum | | | | | | | |
| | main door | | | 2 | 6.60 | 0.15 | 0.10 | 0.20 | | |
| | | | | | | | | **0.20** | **79051.68** | 15652.23 |
| 27 | KSRB 9.5-3 : Providing and fixing in position fully panelled Mathi/Nandi wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. ( excluding cost of fixtures) Specification No. KBS 9.34 , (Sl. No. 9.16, Page No. 52), (SR 2018-19), | | | | | | | | | |
| | Basic Rate = | 4176.00 | | | | | | | | |
| | Area Weightage @8%= | 334.08 | | | | | | | | |
| | **Total Rate =** | **4510.08** | Sqm | | | | | | | |
| | | | | 2 | 0.90 | | 2.10 | 3.78 | | |
| | | | | | | | | **3.78** | **4510.08** | 17048.10 |
| 28 | Supply and fixing of door frame made of hollow extruded PVC Section (Nandi or Equivalent) having dimension of 40x57mm with the wall thickness of 2mm+/-0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2corners shall be metric cut/ welded.. (Sl No 9.88, Page No 54), (SR 2018-19), | | | | | | | | | |
| | Basic Rate = | 250.00 | | | | | | | | |
| | Area Weightage @8%= | 20.00 | | | | | | | | |
| | **Total Rate =** | **270.00** | Rmt | | | | | | | |
| | toilet door | | | 2 | 6.00 | | | 12.00 | | |
| | | | | | | | | **12.00** | **270.00** | **3240.00** |
| 29 | Providing **fixtures** with made brass /SS CP of appoved quality for Main doors, Internal and Toilet doors, ), (Hinges 5" heavy duty,Door Lock, Tower Bolt 300mm long, Aluminum handles - 15cms,Locking Arrangements,40mm Screws"). (Material Components) | | | | | | | | | |
| | **Main door** | | | | | | | | | |
| | Hinges 5" heavy duty | | | 2 | 6.00 | | | **12.00** | **31.36** | **376.32** |
| | Door Lock | | | 2 | 1.00 | | | **2.00** | **347.46** | **694.92** |
| | Tower Bolt 300mm long | | | 4 | 2.00 | | | **8.00** | **133.40** | **1067.20** |
| | Aluminum handles - 15cms | | | 4 | 2.00 | | | **8.00** | **59.32** | **474.56** |
| | Locking Arrangements | | | 2 | 1.00 | | | **2.00** | **550.85** | **1101.70** |
| | 40mm Screws | | | 4 | 36.00 | | | **144.00** | **2.54** | **365.76** |
| | Door Clouser | | | 2 | 1.00 | | | **2.00** | **1118.64** | **2237.28** |
| 30 | SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges. (Sl. No. 9.83, Page No 59), (SR 2018-19), | | | | | | | | | |
| | Basic Rate = | 2777.00 | | | | | | | | |
| | Area Weightage @8%= | 222.16 | | | | | | | | |
| | **Total Rate =** | **2999.16** | Sqm | | | | | | | |
| | | | | 2 | 0.75 | | 2.10 | 3.15 | | |
| | | | | | | | | **3.15** | **2999.16** | **9447.35** |
| 31 | KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc. complete as per specification. (Sl.No 15.21, Page No. 114), (SR 2018-19), | | | | | | | | | |
| | Basic Rate = | 235.00 | | | | | | | | |
| | Area Weightage @8%= | 18.80 | | | | | | | | |
| | **Total Rate =** | **253.80** | Sqm | | | | | | | |
| | **Ceiling plastering** | | | | | | | | | |
| | Toilet room | | | 1 | 3.50 | 3.10 | | 10.85 | | |
| | | | | | | | | **10.85** | **253.80** | 2753.73 |
| 32 | KSRB 15-3.9: Providing 18mm thick cement plaster in Single coats with cement mortar 1:6 to Brick Masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. External Plastering (PWD, S.R. 2018-19)( Page No. 114, item No. 15.17) | | | | | | | | | |
| | Basic Rate = | 245.00 | | | | | | | | |
| | Area Weightage @8%= | 19.60 | | | | | | | | |
| | **Total Rate =** | **264.60** | Sqm | | | | | | | |
| | **External wall** | | | | | | | | | |
| | Stage | | | 1 | 24.40 | | 4.15 | 101.26 | | |
| | Toilet room | | | 1 | 13.20 | | 3.00 | 39.60 | | |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 140.86 | | |
| | Deduct | | | | | | | | | |
| | W | | | 4 | 1.20 | | 1.50 | 7.20 | | |
| | V | | | 2 | 0.75 | | 0.60 | 0.90 | | |
| | | | | | | | | 8.10 | | |
| | | | | | | | | 132.76 | 264.60 | 35128.30 |
| 33 | KSRB 15-3.3: Providing 12mm thick cement plaster in single coat with cement mortor 1:6, to brick masonry including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(Including lime rendering) (PWD, S.R. 2018-19)( Page No. 113, item No. 15.11) | | | | | | | | | |
| | Basic Rate = | 193.00 | | | | | | | | |
| | Area Weightage @8%= | 15.44 | | | | | | | | |
| | **Total Rate =** | **208.44** | Sqm | | | | | | | |
| | **Internal Plastering** | | | | | | | | | |
| | Stage | | | 1 | 8.97 | | 4.00 | 35.88 | | |
| | rooms | | | 2 | 18.00 | | 4.00 | 144.00 | | |
| | | | | 2 | 4.70 | | 3.00 | 28.20 | | |
| | Toilet room | | | 1 | 13.00 | | 3.00 | 39.00 | | |
| | | | | | | | | 247.08 | | |
| | Deduct | | | | | | | | | |
| | D | | | 2 | 0.90 | | 2.10 | 3.78 | | |
| | D1 | | | 2 | 0.75 | | 2.10 | 3.15 | | |
| | W | | | 4 | 1.20 | | 1.50 | 7.20 | | |
| | V | | | 2 | 0.75 | | 0.60 | 0.90 | | |
| | | | | | | | | 15.03 | | |
| | | | | | | | | 232.05 | 208.44 | 48368.50 |
| 34 | **Wall care putty**<br>Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. Area to be considered -<br>a) 100% for fresh surface, b) Upto 10 % for repainting, (Sl. No. 15.106, Page No. 126), (SR 2018-19), | | | | | | | | | |
| | Basic Rate = | 78.00 | | | | | | | | |
| | Area Weightage @8%= | 6.24 | | | | | | | | |
| | **Total Rate =** | **84.24** | **Sqm** | | | | | | | |
| | **GF** | | | | | | | | | |
| | wall+ ceiling plastering qnty | | | | | | | 242.90 | | |
| | | | | | | | | 242.90 | 84.24 | 20461.90 |
| 35 | KSRB 15-15.1: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specification - do with primer (PWD, S.R. 2018-19)( Page No. 117, item No. 15.51.2) | | | | | | | | | |
| | Basic Rate = | 90.00 | | | | | | | | |
| | Area Weightage @8%= | 7.20 | | | | | | | | |
| | **Total Rate =** | **97.20** | Sqm | | | | | | | |
| | ceiling painting | | | | | | | 100.85 | | |
| | Internal Plastering | | | | | | | 232.05 | | |
| | | | | | | | | 332.90 | 97.20 | 32357.88 |
| 36 | KSRB15-16.2: Providing and finishing external walls with in two coats with water proof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortardrops and other foreign matter cost of material labour complete as per specifications with primer. (PWD, S.R. 2018-19)( Page No. 118, item No. 15.53.2) | | | | | | | | | |
| | Basic Rate = | 102.00 | | | | | | | | |
| | Area Weightage @8%= | 8.16 | | | | | | | | |
| | **Total Rate =** | **110.16** | Sqm | | | | | | | |
| | | | | | | | | 132.76 | | |
| | | | | | | | | 132.76 | 110.16 | 14624.84 |
| 37 | KSRB 15-17.4 : Applying priming coat over new wood surface and/or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. (Sl. No. 15.58, Page No. 119), (SR 2018-19). | | | | | | | | | |
| | Basic Rate = | 50.00 | | | | | | | | |
| | Area Weightage @8%= | 4.00 | | | | | | | | |
| | **Total Rate =** | **54.00** | Sqm | | | | | | | |
| | | | | 2 | 0.90 | | 2.10 | 3.78 | | |
| | | | | | | | | 3.78 | 54.00 | 204.12 |
| 38 | KSRB 15-17.16 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with coal tor paint to give even shade after cleaning the surface of all durts,dust,and foreign matter, including cost of materials, labour, complete as per specification. (Sl.No 15.68, Page No. 120), (SR 2018-19). | | | | | | | | | |
| | Basic Rate = | 60.00 | | | | | | | | |
| | Area Weightage @8%= | 4.80 | | | | | | | | |
| | **Total Rate =** | **64.80** | Sqm | | | | | | | |
| | | | | 2 | 0.90 | | 2.10 | 3.78 | | |
| | | | | | | | | 3.78 | 64.80 | 244.94 |
| 39 | KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. (Sl. No. 15.73, Page No. 121), (SR 2018-19), | | | | | | | | | |
| | Basic Rate = | 41.00 | | | | | | | | |
| | Area Weightage @8%= | 3.28 | | | | | | | | |
| | **Total Rate =** | **44.28** | Sqm | | | | | | | |
| | WINDOW GRILLS | | | 4 | 1.20 | | 1.50 | 7.20 | | |
| | | | | 2 | 0.75 | | 0.60 | 0.90 | | |
| | | | | | | | | 8.10 | 44.28 | 358.67 |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| 40 | KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications (Sl.No 15.74, Page No.121), (SR 2018-19) | | | | | | | | | |
| | Basic Rate = | 95.00 | | | | | | | | |
| | Area Weightage @8%= | 7.60 | | | | | | | | |
| | **Total Rate =** | **102.60** | Sqm | | | | | | | |
| | | | | | | | | 8.10 | 102.60 | 831.06 |
| 41 | KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS using aluminium section anodized to 12 - 15 microns.. (Page No. 31, item No. 7.10.1) | | | | | | | | | |
| | Basic Rate = | 4266.00 | | | | | | | | |
| | Area Weightage @8%= | 341.28 | | | | | | | | |
| | **Total Rate =** | **4607.28** | Sqm | | | | | | | |
| | W | | | 4 | 1.20 | | 1.50 | 7.20 | | |
| | V | | | 2 | 0.75 | | 0.60 | 0.90 | | |
| | | | | | | | | 8.10 | 4607.28 | 37318.97 |
| 42 | KSRB 7.9 : Providing and fixing **M.S.grill work for windows and ventilators** weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12. (P.No. 32, I.No. 7.9 of PWD SR 2018-19)( Page No. 31, item No. 7.9) | | | | | | | | | |
| | Basic Rate = | 95.00 | | | | | | | | |
| | Area Weightage @8%= | 7.60 | | | | | | | | |
| | **Total Rate =** | **102.60** | kgs | | | | | | | |
| | W | | | 4 | 1.20 | | 1.50 | 7.20 | | |
| | V | | | 2 | 0.75 | | 0.60 | 0.90 | | |
| | 25kg/Sqm | | | | | | | 8.10 | | |
| | | | | | | | | 202.50 | 102.60 | 20776.50 |
| 43 | KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications. (P.No. 66, I.No. 10.2 of PWD SR 2018-19) | | | | | | | | | |
| | Basic Rate = | 1006.00 | | | | | | | | |
| | Area Weightage @8%= | 80.48 | | | | | | | | |
| | **Total Rate =** | **1086.48** | Sqm | | | | | | | |
| | Toilet room | | | 1 | 3.50 | 3.10 | | 10.85 | | |
| | | | | | | | | 10.85 | | |
| | | | | | | | | 10.85 | 1086.48 | 11788.31 |
| | | | | | | | | | | |
| | **Sanitory and water supply** | | | | | | | | | |
| 44 | KSRB 11-1 : Providing and fixing white vitreous china clay, water closet Indian type ( Squatting pan ) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern ( all are approved make ) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (PWD, S.R. 2018-19)(p 77,, Item No.12.1) | | | | | | | | | |
| | Basic Rate = | 3506.00 | | | | | | | | |
| | Area Weightage @8%= | 280.48 | | | | | | | | |
| | **Total Rate =** | **3786.48** | Pan | | | | | | | |
| | .Toilet | | | | | | | 1.00 | | |
| | | | | | | | | 1.00 | 3786.48 | 3786.48 |
| 45 | KSRB 11-6: Providing & fixing white vitreous china clay , water closet European type (Pedestal type , S-Trap) with black solid plastic seat and lid . CP Brass hinges , rubber buffers, 10 litre white glazed / vitreous china clay low level flushing cistern ( all are approved make) with fittings C.I. /M.S. Brackets , 40 mm diameter flush bend fittings and clamps over flow arrangement with specials and 25 mm mosquito proof coupling of approved design , painting of fittings and brackets ,cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications. (PWD, S.R. 2018-19)(p 77,, Item No.12.6) | | | | | | | | | |
| | Basic Rate = | 4807.00 | | | | | | | | |
| | Area Weightage @8%= | 384.56 | | | | | | | | |
| | **Total Rate =** | **5191.56** | Each | | | | | | | |
| | .Toilet | | | | | | | 1.00 | | |
| | | | | | | | | 1.00 | 5191.56 | 5191.56 |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| 46 | KSRB 11-11.4 : Providing and fixing white vitreous china clay, flat back wash basin size 550x400mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11(PWD, S.R. 2018-19)(p 80,, Item No.12.26) | | | | | | | | | |
| | Basic Rate = | 3021.00 | | | | | | | | |
| | Area Weightage @8%= | 241.68 | | | | | | | | |
| | **Total Rate =** | **3262.68** | Each | | | | | | | |
| | | | | | | | | 2.00 | | |
| | | | | | | | | **2.00** | **3262.68** | **6525.36** |
| 47 | KSRB 11-7.1 : Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (PWD, S.R. 2018-19)(p 80,, Item No.12.7) | | | | | | | | | |
| | Basic Rate = | 3072.00 | | | | | | | | |
| | Area Weightage @8%= | 245.76 | | | | | | | | |
| | **Total Rate =** | **3317.76** | Each | | | | | | | |
| | | | | | | | | 1.00 | | |
| | | | | | | | | **1.00** | **3317.76** | **3317.76** |
| 48 | ksrb13-6,1-2:Providing and fixing in position brass bib cock of approved quality 25 mm dia nominal bore including cost of materials, labour HOM of equipments with all leads complete with specifications Specification No.KBS 13.2.2./13.3 (PWD, S.R. 2018-19)(p 91,, Item No.13.25) | | | | | | | | | |
| | Basic Rate = | 236.00 | | | | | | | | |
| | Area Weightage @8%= | 18.88 | | | | | | | | |
| | **Total Rate =** | **254.88** | Each | | | | | | | |
| | | | | **4** | | | | **4.00** | **254.88** | **1019.52** |
| | **SOLID & WASTE PIPE SYSTEM - INTERNAL** | | | | | | | | | |
| 49 | Providing and fixing to wall, ceiling and floor unplasticised PVC 6kgs/sqm working pressure with pipe fittings, walll clips etc. and making good the wall , ceiling and floor for sanitary pipe lines including cost of all materials, labour HOM of acquirements and testing complete as per specifications.(PWD, S.R. 2018-19)(p 88,, Item No.12.116) | | | | | | | | | |
| | **a) 110 mm dia** | | | | | | | | | |
| | Basic Rate = | 434.00 | | | | | | | | |
| | Area Weightage @8%= | 34.72 | | | | | | | | |
| | **Total Rate =** | **468.72** | Rmt | | | | | | | |
| | | | | 10 | | | | 10.00 | 468.72 | 4687.20 |
| 50 | **b) 140 mm dia** | | | | | | | | | |
| | Basic Rate = | 688.00 | | | | | | | | |
| | Area Weightage @8%= | 55.04 | | | | | | | | |
| | **Total Rate =** | **743.04** | Rmt | | | | | | | |
| | | | | 12 | | | | 12.00 | 743.04 | 8916.48 |
| 51 | Providing and fixing rigid PVC bend of required degree (of approved make) for S.W.R. drainage pipes of approved including lubricating. | | | | | | | | | |
| | Basic Rate = | 520.00 | | | | | | | | |
| | Area Weightage @8%= | 41.60 | | | | | | | | |
| | **Total Rate =** | **561.60** | Each | | | | | | | |
| | | | | 6 | | | | 6.00 | 561.60 | 3369.60 |
| 52 | Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in CC 1:2:4 as per directions of 12.5cms x 7.5cms (Rate is inclusive of cost of materials and fixtures and conveyanceof materials to work spot). (PWD, S.R. 2018-19)(p 88,, Item No.12.113.2) | | | | | | | | | |
| | Basic Rate = | 285.00 | | | | | | | | |
| | Area Weightage @8%= | 22.80 | | | | | | | | |
| | **Total Rate =** | **307.80** | Each | | | | | | | |
| | | | | 6 | | | | 6.00 | 307.80 | 1846.8 |
| 53 | Providing and laying reinforced cement concrete pipe NP3 of 300mm dia for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specification No.KSRB 1000, 2300 MoRT&H Specification No.1000 / 2300 (P.No. 254, I.No. 34.6.1 of PW, P&IWTD SR 2018 - 19) | | | | | | | | | |
| | Basic Rate = | 1533.00 | | | | | | | | |
| | Area Weightage @8%= | 122.64 | | | | | | | | |
| | **Total Rate =** | **1655.64** | m | | | | | | | |
| | | | | 15 | | | | 15.00 | 1655.64 | 24834.6 |
| 54 | KSRB 12-5.3 : Constructing brick masonry circular type manhole 1.22 m internal dia at bottom, 1.68 m deep and 0.56m dia at top, with table moulded and non modular bricks of class designation 50 in cement mortar 1:4, inside cement plaster 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and down size granite metal and making necessary channel in cement concrete M 15 with 20mm and down size granite metal, finished with a floating coat of neat cement, with S.F.R.C. cover and frame ( heavy duty, HD-20 grade designation) 560mm internal diameter confirming to IS :12592, total weight length of cover and frame to be not less than 182 kg, fixed in cement concrete M 15 20mm and down size broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately ) Specification No. KBS 12.4 (P.No.73, I.No.11.39 of PW, P&IWTD SR 2018 - 19) | | | | | | | | | |
| | Basic Rate = | 29318.00 | | | | | | | | |
| | Area Weightage @8%= | 2345.44 | | | | | | | | |
| | **Total Rate =** | **31663.44** | No. | | | | | | | |
| | | | | 1 | | | | 1.00 | 31663.44 | 31663.44 |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| 55 | KSRB 12-8.3 : Constructing brick masonry inspection chamber 600x850mm, and 450mm depth, ( clear inside dimension ) for pipeline with three or more inlets, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg ( weight of cover 23kg and weight of frame 15 kg ) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal , foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finished smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS (PWD, S.R. 2018-19)(p 73,, Item No.11.54) | | | | | | | | | |
| | Basic Rate = | 9030.00 | | | | | | | | |
| | Area Weightage @8%= | 722.40 | | | | | | | | |
| | **Total Rate =** | **9752.40** | Each | | | | | | | |
| | | | | 1 | | | | 1.00 | 9752.40 | 9752.40 |
| | **WATER SUPPLY SYSTEM - INTERNAL** | | | | | | | | | |
| 56 | Providing and fixing CPVC pipes confirming to IS 15778 , having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mt spacing . This includes jointing of pipes and fittings with one stepCPVC Solvent cement and cost of cutting chases and making good the same including testing of joints complete (concealed work including cutting chasea and good the walls etc.) (PWD, S.R. 2018-19)(pg.no.99 , i.no.13.87.3) | | | | | | | | | |
| | **32mm dia** | | | | | | | | | |
| | Basic Rate = | 226.00 | | | | | | | | |
| | Area Weightage @8%= | 18.08 | | | | | | | | |
| | **Total Rate =** | **244.08** | Rmt | | | | | | | |
| | | | | 10 | | | | 10.00 | 244.08 | 2440.80 |
| 57 | **25mm dia** | | | | | | | | | |
| | Basic Rate = | 179.00 | | | | | | | | |
| | Area Weightage @8%= | 14.32 | | | | | | | | |
| | **Total Rate =** | **193.32** | Rmt | | | | | | | |
| | | | | 15 | | | | 15.00 | 193.32 | 2899.80 |
| 58 | KSRB-13-6.2-4 Providing and fixing in position brass stop cock of approved quality 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.(PWD, S.R. 2018-19)(p 91,, Item No.13.29) | | | | | | | | | |
| | Basic Rate = | 139.00 | | | | | | | | |
| | Area Weightage @8%= | 11.12 | | | | | | | | |
| | **Total Rate =** | **150.12** | Each | | | | | | | |
| | | | | 6 | | | | 6.00 | 150.12 | 900.72 |
| 59 | Providing and fixing in position brass gate valve with C.I. Wheel of approved quality ( screed end) 5 mm nominal bore including cost of all materials , labour , HOM of equipments ith all lead , complete as per specifications(PWD, S.R. 2018-19)(p 94,, Item No. 13.35) | | | | | | | | | |
| | a) 32 mm dia | | | | | | | | | |
| | Basic Rate = | 830.00 | | | | | | | | |
| | Area Weightage @8%= | 66.40 | | | | | | | | |
| | **Total Rate =** | **896.40** | Nos | | | | | | | |
| | | | | 1 | | | | 1.00 | 896.40 | 896.4 |
| | **EXTERNAL WORKS** | | | | | | | | | |
| | **EXTERNAL SEWAGE SYSTEM** | | | | | | | | | |
| 60 | KSRB 2 - 2.1: Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m.and above in width, in ordinary soil not exceeding 1.5m.in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.specification No.KBS 2.1(a)/2.3.5 (PWD, S.R. 2018-19)(p 5,, Item No. 2.3) | | | | | | | | | |
| | Basic Rate = | 299.00 | | | | | | | | |
| | Area Weightage @8%= | 23.92 | | | | | | | | |
| | **Total Rate =** | **322.92** | Cum | | | | | | | |
| | | | | 1 | 20.00 | 1.00 | 0.60 | 12.00 | | |
| | | | | | | | | **12.00** | 322.92 | 3875.04 |
| 61 | KSRB 12-1.2 : Providing and laying in position to required level or slope 150mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications. Specification No. KBS 12.2.5/12.7 (PWD, S.R. 2018-19)(p 170,, Item No.11.2) | | | | | | | | | |
| | Basic Rate = | 368.00 | | | | | | | | |
| | Area Weightage @8%= | 29.44 | | | | | | | | |
| | **Total Rate =** | **397.44** | Rmt | | | | | | | |
| | | | | 6 | | | | 6.00 | 397.44 | 2384.64 |
| 62 | Refilling available earth around the pipeline, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50 m and lift upto 1.5m including cost of all labour complete as per specifications.(PWD, S.R. 2018-19)(p 6,, Item No.2.11) | | | | | | | | | |
| | Basic Rate = | 121.00 | | | | | | | | |
| | Area Weightage @8%= | 9.68 | | | | | | | | |
| | **Total Rate =** | **130.68** | cum | | | | | | | |
| | | | | 12 | | | | 12.00 | 130.68 | 1568.16 |
| 63 | Providing stoneware gully trap of approved quality and make fixing inm-15 and plastering with CM 1:3 wherever necessary. (Rate includes cost of all materials, fixtures and lead). (15cms x10cms) (PWD, S.R. 2018-19)(pg.no.88, item no.12.112.2) | | | | | | | | | |
| | Basic Rate = | 280.00 | | | | | | | | |
| | Area Weightage @8%= | 22.40 | | | | | | | | |
| | **Total Rate =** | **302.40** | Each | | | | | | | |
| | | | | 2 | | | | 2.00 | 302.40 | 604.80 |
| | **EXTERNAL WATER SUPPLY SYSTEM** | | | | | | | | | |
| 64 | KSRB 2 - 2.1: Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m.and above in width, in ordinary soil not exceeding 1.5m.in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.specification No.KBS 2.1(a)/2.3.5 (PWD, S.R. 2018-19)(p 5,, Item No.2.3) | | | | | | | | | |
| | Basic Rate = | 299.00 | | | | | | | | |
| | Area Weightage @8%= | 23.92 | | | | | | | | |
| | **Total Rate =** | **322.92** | cum | | | | | | | |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1 | 20.00 | 1.00 | 0.60 | 12.00 | | |
| | | | | | | | | 12.00 | 322.92 | 3875.04 |
| 65 | KSRB - 13-3-6 Providing and fixing in trenches galvanised medium grade 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for seperately) including cost of all materials, labour charges,HOM of equipments and testing complete as per specifications (From Sump to OHT)(PWD, S.R. 2018-19)(p 90,, Item 13.6) | | | | | | | | | |
| | Basic Rate = | 512.00 | | | | | | | | |
| | Area Weightage @8%= | 40.96 | | | | | | | | |
| | **Total Rate =** | **552.96** | Rmt. | | | | | | | |
| | | | | | | | | 6.00 | | |
| | | | | | | | | **6.00** | **552.96** | **3317.76** |
| 66 | Refilling available earth around the pipeline, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50 m and lift upto 1.5m including cost of all labour complete as per specifications.(PWD, S.R. 2018-19)(p 6,, Item No. 2.11) | | | | | | | | | |
| | Basic Rate = | 121.00 | | | | | | | | |
| | Area Weightage @8%= | 9.68 | | | | | | | | |
| | **Total Rate =** | **130.68** | cum | | | | | | | |
| | | | | | | | | 12.00 | | |
| | | | | | | | | **12.00** | **130.68** | **1568.16** |
| 67 | KSRB - 13-7-1.4 Providing and fixing 50mm dia nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials,labour charges,HOM of equipments and testing complete as per specifications (PWD, S.R. 2018-19)(p 93,, Item No.13.55) | | | | | | | | | |
| | Basic Rate = | 1330.00 | | | | | | | | |
| | Area Weightage @8%= | 106.40 | | | | | | | | |
| | **Total Rate =** | **1436.40** | No. | | | | | | | |
| | | | | 2 | | | | **2.00** | **1436.40** | **2872.80** |
| 68 | KSRB - 13-11.1 Providing and placing on terrace , polyethylene water storage tanks (1000 ltr capacity) (PWD, S.R. 2018-19)(p 94,, Item No. 13.78) | | | | | | | | | |
| | Basic Rate = | 6828.00 | | | | | | | | |
| | Area Weightage @8%= | 546.24 | | | | | | | | |
| | **Total Rate =** | **7374.24** | No. | | | | | | | |
| | | | | 1 | | | | **1.00** | **7374.24** | **7374.24** |
| | **Sump tank** | | | | | | | | | |
| 69 | Earthwork excavation for foundation of structures as per drawings and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising /tramsporting the remaining earth locally upto1.0kms lead - Ordinary Rock (not required blasting)- Manual means (PWD, S.R. 2018-19)(Page No. 7, Item No.2.23.2) | | | | | | | | | |
| | Basic Rate = | 68.00 | | | | | | | | |
| | Area Weightage @8%= | 5.44 | | | | | | | | |
| | **Total Rate =** | **73.44** | Cum | | | | | | | |
| | | | | 1 | 2.70 | 2.70 | 1.80 | 13.12 | | |
| | | | | | | | | **13.12** | **73.44** | **963.68** |
| 70 | Providing and laying in position plain cement concrete of mix 1:3:6 with OPC Cement @220kgs with 40mm and down size graded granite metal coarse aggregate @0.892 cum and fine aggregates @0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, 110M of machinery, curing complete as per specifications . Specification No. KBS4.1,4.2 (PWD, S.R. 2018-19)(Page No. 12, Item No.4.2) | | | | | | | | | |
| | Basic Rate = | 5194.00 | | | | | | | | |
| | Area Weightage @8%= | 415.52 | | | | | | | | |
| | **Total Rate =** | **5609.52** | Cum | | | | | | | |
| | | | | 1 | 2.70 | 2.70 | 0.15 | 1.09 | | |
| | | | | | | | | **1.09** | **5609.52** | **6134.01** |
| 71 | KSRB 4.2.1: Providing and laying in position reinforced cement concrete of design I mix M25 with with OPC Cement @340 kgs with 20mm and down size graded granite metal coars aggregates @0.70 cum and fine aggregates @ 0.47cum with superplasticisers @3liters confirming to IS9103-1999 Reaffirmed -2008 at machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footings , pedestals , retaining walls ,return walls ,walls( any thickness) including attached pilasters, columns , pillars, posts , struts, buttresses, bed blocks,, anchor blocks & plinth etc.including cost of all materials, labour, HOM of machinary, curing complete as per specifications. Specification No. KBS-4.1,4.6<br>Specification No. KBS4.1,4.6 (PWD, S.R. 2018-19)(Page No. 13, Item No.4.10) | | | | | | | | | |
| | Basic Rate = | 5812.00 | | | | | | | | |
| | Area Weightage @8%= | 464.96 | | | | | | | | |
| | **Total Rate =** | **6276.96** | Cum | | | | | | | |
| | Roof Beams | | | 1 | 10.00 | 0.20 | 0.45 | 0.90 | | |
| | Roof Slab | | | 1 | 2.30 | 2.30 | 0.18 | 0.93 | | |
| | | | | | | | | **1.83** | **6276.96** | **11460.16** |
| 72 | KSRB 4-4.1 Extra for use of water proofing compound in Cement concrete of mix 1:1:2, at one kg of compound per bag of cement. (PWD, S.R. 2018-19)(Page No. 15, Item No.4.24) | | | | | | | | | |
| | Basic Rate = | 209.00 | | | | | | | | |
| | Area Weightage @8%= | 16.72 | | | | | | | | |
| | **Total Rate =** | **225.72** | Cum | | | | | | | |
| | | | | | | | | **1.83** | **225.72** | **412.11** |
| 73 | KSRB 4-6.7: Providing and removing centering, shuttering, strutting, propping etc., and removal of from work for sides and soffits of beams, beam haunchings, cantilever griders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (PWD, S.R. 2018-19) (Page No. 16, Item No.4.34) | | | | | | | | | |
| | Basic Rate = | 292.00 | | | | | | | | |
| | Area Weightage @8%= | 23.36 | | | | | | | | |
| | **Total Rate =** | **315.36** | Sqm | | | | | | | |
| | Beams | | | 4 | 2.50 | | 0.90 | 9.00 | | |
| | | | | | | | | **9.00** | **315.36** | **2838.24** |
| 74 | KSRB 4-6.2: Providing and removing centering, shuttering, strutting, propping etc., and removal of from work for flat surface such as suspended floors, roofs landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specificationSpecification No. KBS 4.6.2 - 0-5.0mts Ht (PWD, S.R. 2018-19)(Page No. 16, Item No.4.29.2) | | | | | | | | | |
| | Basic Rate = | 400.00 | | | | | | | | |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | Area Weightage @8%= | 32.00 | | | | | | | | |
| | **Total Rate =** | **432.00** | Sqm | | | | | | | |
| | Slab | | | 1 | 2.30 | 2.30 | | 5.29 | | |
| | | | | | | | | **5.29** | **432.00** | **2285.28** |
| 75 | KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/cum having a minimum average compressive strength of 4.00N/mm2 confirming to IS 2185(Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding , curing , hire charges of machineries etc., complete as per specfications . KBS No.5.4 with solid concrete blocks of size 40x20x20cm (PWD, S.R. 2018-19) (Page No. 27, item No. 5.26.1) | | | | | | | | | |
| | Basic Rate = | 962.00 | | | | | | | | |
| | Area Weightage @8%= | 76.96 | | | | | | | | |
| | **Total Rate =** | **1038.96** | Sqm | | | | | | | |
| | Walls | | | 4 | 2.30 | | 1.50 | 13.80 | | |
| | | | | | | | | **13.80** | **1038.96** | **14337.65** |
| 76 | KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3<br>-do- TMT bars Fe 550 (PWD, S.R. 2018-19)( Page No. 1, item No. 4.46.3) | | | | | | | | | |
| | Basic Rate = | 64961.00 | | | | | | | | |
| | Area Weightage @8%= | 5196.88 | | | | | | | | |
| | **Total Rate =** | **70157.88** | Tonne | | | | | | | |
| | Roof Beam @ 200Kg/cum | | | 0.90 | | | | 1.80 | | |
| | Roof Slab @ 90Kg/cum | | | 0.93 | | | | 0.83 | | |
| | | | | | | | | **2.63** | | |
| | | | | | | | | **0.26** | **70157.88** | **18473.80** |
| 77 | KSRB 2.3 : Filling available excavated earth ( excluding rock ) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.<br>specification. No. KBS 2.9 (PWD, S.R. 2018-19)( Page No. 7, item No. 2.10) | | | | | | | | | |
| | Basic Rate = | 201.00 | | | | | | | | |
| | Area Weightage @8%= | 16.08 | | | | | | | | |
| | **Total Rate =** | **217.08** | Cum | | | | | | | |
| | Sides of wall | | | | | | | 13.12 | | |
| | | | | 4 | 2.30 | 0.20 | 2.00 | 3.68 | | |
| | | | | | | | | **9.44** | **217.08** | **2049.67** |
| 78 | KSRB 15-3.10: Providing 20 mm thick cement plaster in single coat with CM 1:3 to stone masonry / concrete surface including rounding off corners wherever required smooth rendering: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specification (PWD, S.R. 2018-19)( Page No. 114, item No. 15.18) | | | | | | | | | |
| | Basic Rate = | 289.00 | | | | | | | | |
| | Area Weightage @8%= | 23.12 | | | | | | | | |
| | **Total Rate =** | **312.12** | Sqm | | | | | | | |
| | Walls | | | 4 | 2.30 | | 2.00 | 18.40 | | |
| | beams | | | 4 | 2.30 | | 0.60 | 5.52 | | |
| | | | | | | | | **23.92** | **312.12** | **7465.91** |
| 79 | KSRB 15-3.13: Providing 12mm thick cement plastering in single coat with cement mortar 1:3 to ceiling l including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specification. (PWD, S.R. 2018-19)( Page No. 116, item No. 15.21) | | | | | | | | | |
| | Basic Rate = | 235.00 | | | | | | | | |
| | Area Weightage @8%= | 18.80 | | | | | | | | |
| | **Total Rate =** | **253.80** | Sqm | | | | | | | |
| | Ceiling | | | 1 | 2.30 | | 2.30 | 5.29 | | |
| | Opening | | | 1 | 0.60 | | 0.60 | 0.36 | | |
| | | | | | | | | **4.93** | **253.80** | **1251.23** |
| 80 | Providing and fixing MS door for sump including cost of labour, materials and one coat of primer paint and two coats of enamel painting etc, as directed by the engineer in charge of work (PWD, S.R. 2018-19) | | | | | | | | | |
| | Basic Rate = | 3500.00 | | | | | | | | |
| | Area Weightage @8%= | 280.00 | | | | | | | | |
| | **Total Rate =** | **3780.00** | Sqm | | | | | | | |
| | Opening | | | 1 | 0.60 | | 0.60 | 0.36 | | |
| | | | | | | | | **0.36** | **3780.00** | **1360.80** |
| 81 | Supplying, installing, testing and commissioning of Submersible Pump ( 2 HP/1.5KW 25 STAGE) of adequate HP capable of giving required discharge at suitable head to work on 1 phase 50Hz 400/400 V with necessary unions, flanges, foundations bolts RCC footing etc., complete with25meter head with 1.0lps conditions. (1no. working and 1no. Standby ). Make=Kirlosker (Basicv rate 19000 Taxes 5.50% = 20000) Sump to Over Head tank & Bio Medical Chamber TO IC (MATERIAL COMPONENTS XXXXIV SL NO-15 PWD NORT ZONE 2018-19 | | | | | | | | | |
| | Basic Rate = | 20000.00 | | | | | | | | |
| | | 0.00 | | | | | | | | |
| | **Total Rate =** | **20000.00** | Sqm | | | | | | | |
| | Opening | | | 1 | | | | 1.00 | | |
| | | | | | | | | **1.00** | **20000.00** | **20000.00** |
| | **water supply total** | | | | | | | | | |
| | **Electrical Work** | | | | | | | | | |
| | **Part A- Internal wiring** | | | | | | | | | |
| 82 | Open Conduit System Supplying heavy gauge PVC conduit pipe .....dia ..... mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.(Page No. 2, Item No.1.1.1 & 1.1.2) | | | | | | | | | |
| | **a) 19/20mm dia 2mm thick** | | | | | | | | | |
| | Basic Rate = | 50.00 | Mtr | 50 | | | | 50.00 | 50.00 | 2500.00 |
| 83 | **b) 25mm dia 2mm thick** | | | | | | | | | |
| | Basic Rate = | 65.00 | Mtr | 55 | | | | 55.00 | 65.00 | 3575.00 |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| 84 | Concealed Conduit System: Supplying heavy guage PVC conduit pipe ...mm dia ...mm thick confirmingto IS 2509 with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever necessary.(Page No. 2, Item No.1.2.1 & 1.2.2) | | | | | | | | | |
| | **a) 19/20mm dia 2mm thick** | | | | | | | | | |
| | Basic Rate = | 40.00 | Mtr | 40 | | | | 40.00 | 40.00 | 1600.00 |
| 85 | **b) 25mm dia 2mm thick** | | | | | | | | | |
| | Basic Rate = | 53.00 | Mtr | 60 | | | | 60.00 | 53.00 | 3180.00 |
| 86 | Groove Cutting : Supplying heavy guage PVC conduit pipe ...mm dia ...mm thick with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, by groove cutting in wall and fixing by using U or J hooks and cement plastering up to the wall surface and run with 18SWG GI fish wire through out the conduit where ever necessary.(Page No. 2, Item No.1.3.1 & 1.3.2) | | | | | | | | | |
| | **a) 19/20mm dia 2mm thick** | | | | | | | | | |
| | Basic Rate = | 51.00 | Mtr | 45 | | | | 45.00 | 51.00 | 2295.00 |
| 87 | **b) 25mm dia 2mm thick** | | | | | | | | | |
| | Basic Rate = | 54.00 | Mtr | 60 | | | | 60.00 | 54.00 | 3240.00 |
| 88 | Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall(Page No. 15, Item No.3.5.1 to 3.5.5) | | | | | | | | | |
| | **a) 1-3Way** | | | | | | | | | |
| | Basic Rate = | 95.00 | Each | 15 | | | | 15.00 | 95.00 | 1425.00 |
| 89 | **b) 4-5Way** | | | | | | | | | |
| | Basic Rate = | 105.00 | Each | 15 | | | | 15.00 | 105.00 | 1575.00 |
| 90 | **c) 6Way** | | | | | | | | | |
| | Basic Rate = | 125.00 | Each | 15 | | | | 15.00 | 125.00 | 1875.00 |
| 91 | **d) 8Way** | | | | | | | | | |
| | Basic Rate = | 145.00 | Each | 10 | | | | 10.00 | 145.00 | 1450.00 |
| 92 | **e) 10-12Way** | | | | | | | | | |
| | Basic Rate = | 165.00 | Each | 10 | | | | 10.00 | 165.00 | 1650.00 |
| 93 | Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.(Page No. 16, Item No.3.6.1 to 3.6.5) | | | | | | | | | |
| | **a) 1-3Way** | | | | | | | | | |
| | Basic Rate = | 110.00 | Each | 15 | | | | 15.00 | 110.00 | 1650.00 |
| 94 | **b) 4-5Way** | | | | | | | | | |
| | Basic Rate = | 125.00 | Each | 15 | | | | 15.00 | 125.00 | 1875.00 |
| 95 | **c) 6Way** | | | | | | | | | |
| | Basic Rate = | 175.00 | Each | 10 | | | | 10.00 | 175.00 | 1750.00 |
| 96 | **d) 8Way** | | | | | | | | | |
| | Basic Rate = | 200.00 | Each | 15 | | | | 15.00 | 200.00 | 3000.00 |
| 97 | **e) 10-12Way** | | | | | | | | | |
| | Basic Rate = | 230.00 | Each | 15 | | | | 15.00 | 230.00 | 3450.00 |
| 98 | Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293. (Page No. 16, Item No.3.7) | | | | | | | | | |
| | **a) 6Amps one way** | | | | | | | | | |
| | Basic Rate = | 70.00 | Each | 15 | | | | 15.00 | 70.00 | 1050.00 |
| 99 | **b) 6Amps 3way socket** | | | | | | | | | |
| | Basic Rate = | 105.00 | Each | 15 | | | | 15.00 | 105.00 | 1575.00 |
| 100 | **c) Stepped Fan Regulator** | | | | | | | | | |
| | Basic Rate = | 290.00 | Each | 10 | | | | 10.00 | 290.00 | 2900.00 |
| 101 | supplying and wiring adopting loop system in existing PVC conduit / casing capping using **1100 v grade , copper conductor flexible multistrand FRLS PVC insulated, 2 x1.5sq.mm** cable confirming to the GTP, without switch, the other end of the wires shall be terminated with sufficient loose length in a wood /PVC cound block. complete for each outlet. (Page No. 5, Item No.2.1.1 to 2.1.5) | | | | | | | | | |
| | Short point up to 3Mtr from tapping point to out let via switch box | | | | | | | | | |
| | Basic Rate = | 200.00 | Each | 20 | | | | 20.00 | 200.00 | 4000.00 |
| 102 | b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch box | | | | | | | | | |
| | Basic Rate = | 275.00 | Each | 20 | | | | 20.00 | 275.00 | 5500.00 |
| 103 | c) Long point above 6Mtr up to 10Mtr from tapping point to out let via switch box | | | | | | | | | |
| | Basic Rate = | 400.00 | Each | 12 | | | | 12.00 | 400.00 | 4800.00 |
| 104 | d) Two Outlet in a row, above 3.0M unto 6.0M from tapping point to outlet via switch box. | | | | | | | | | |
| | Basic Rate = | 525.00 | Each | 6 | | | | 6.00 | 525.00 | 3150.00 |
| 105 | e) Three Outlet in a row, above 6.0M unto 10.0M from tapping point to outlet via switch box. | | | | | | | | | |
| | Basic Rate = | 750.00 | Each | 6 | | | | 6.00 | 750.00 | 4500.00 |
| 106 | Supplying and fixing **metal Fan box** with Round Hook. (Page No. 3, Item No. 1.12) | | | | | | | | | |
| | Basic Rate = | 85.00 | Each | 6 | | | | 6.00 | 85.00 | 510.00 |
| 107 | Wiring for lighting/power circuit using one of **FRLS PVC** insulated 1100v grade, multistrand **Copper with low** conductor resistance single core cable in open or concealed system of wiring with specified IS-694:1990 & comfirming to GTP of Group-A .(Page No. 6, Item No.2.3.2 to 2.3.6) | | | | | | | | | |
| | **1.5 sqmm** | | | | | | | | | |
| | Basic Rate = | 20.50 | Mtr | 55 | | | | 55.00 | 20.50 | 1127.50 |
| 108 | **2.5 sqmm** | | | | | | | | | |
| | Basic Rate = | 32.00 | Mtr | 55 | | | | 55.00 | 32.00 | 1760.00 |
| 109 | **25mm dia 2mm thick** | | | | | | | | | |
| | Basic Rate = | 42.10 | Mtr | 40 | | | | 40.00 | 42.10 | 1684.00 |
| 110 | **6 sqmm** | | | | | | | | | |
| | Basic Rate = | 70.00 | Mtr | 44 | | | | 44.00 | 70.00 | 3080.00 |
| 111 | **10 sqmm** | | | | | | | | | |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | Basic Rate = | 115.00 | Mtr | 25 | | | | 25.00 | 115.00 | 2875.00 |
| 112 | Supplying and fixing regular **MCB distribution boards** on wall/wood board/flush mountin using required clamps, bolts, nuts with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting. Made out of 14 SWG M.S enclosure.(Page No. 47, Item No.5.18.9, 5.17.8,) **Double door** | | | | | | | | | |
| | Double door | | | | | | | | | |
| | **a) 4 way TP & N** | | | | | | | | | |
| | Basic Rate = | 2650.00 | Mtr | 20 | | | | 20.00 | 2650.00 | 53000.00 |
| 113 | **b) 12 way SP & N** | | | | | | | | | |
| | Basic Rate = | 1800.00 | Mtr | 10 | | | | 10.00 | 1800.00 | 18000.00 |
| 114 | Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 (Page No. 47, Item No. 5.17)) | | | | | | | | | |
| | **6-32Amps SP** | | | | | | | | | |
| | Basic Rate = | 434.00 | Each | 20 | | | | 20.00 | 434.00 | 8680.00 |
| 115 | **6-32Amps TPN** | | | | | | | | | |
| | Basic Rate = | 1715.00 | Each | 15 | | | | 15.00 | 1715.00 | 25725.00 |
| 116 | Supplying, fixing and wiring eaarth Earth Leakage Miniature Circuit Breaker [ELMCB] 240/250V upto 300mA sensitivity on existing wood/panel board.(Page No. 47, Item No. 5.20) | | | | | | | | | |
| | **a) 16-25Amps 2Pole** | | | | | | | | | |
| | Basic Rate = | 2300.00 | Each | 2 | | | | 2.00 | 2300.00 | 4600.00 |
| 117 | Fabricating supplying and mounting **MS box** made out ...SWG suitable for floor I wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete (Page No. 49, Item No. 5.42) | | | | | | | | | |
| | 14 SWG | | | | | | | | | |
| | Basic Rate = | 0.40 | Sqcm | 25000 | | | | 25000.00 | 0.40 | 10000.00 |
| | | | | | | | | | | |
| 118 | Supplying .....amps rated 3phase with **neutral bus bar** using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenoliciFRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. (Page No. 49, Item No. 5.40) | | | | | | | | | |
| | 100Amps 4x30x6mm Aluminum Strips | | | | | | | | | |
| | Basic Rate = | 2050.00 | mtr | 2 | | | | 2.00 | 2050.00 | 4100.00 |
| 119 | Supplying fixing angle **iron frame work** fabricated out of M.S angle iron .. And m.S flat.... With bolts, washers etc., and painted with two coats of red oxide and then two coats of approved paint. (Page No. 49, Item No.5.41) | | | | | | | | | |
| | a) 40x40x6 mm | | | | | | | | | |
| | Basic Rate = | 255.00 | mtr | 15 | | | | 15.00 | 255.00 | 3825.00 |
| 120 | b) 50x100x50x6 mm | | | | | | | | | |
| | Basic Rate = | 630.00 | mtr | 10 | | | | 10.00 | 630.00 | 6300.00 |
| 121 | Supplying and fixing **Moulded Case Circuit Breaker** (MCCB) .over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Ieu= Ics) (Page No. 46, Item No. 5.14.7) | | | | | | | | | |
| | FOUR POLE 100Amps 25kA | | | | | | | | | |
| | Basic Rate = | 6400.00 | Each | 2 | | | | 2.00 | 6400.00 | 12800.00 |
| 122 | Supplying of multi function degital meter with three line backlight LCD type display for voltage , current frequency, power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54degree of protection and completely wired as required with communication port and class 0.5s accuracy. (Page No. 48, Item No. 5.33) | | | | | | | | | |
| | Basic Rate = | 7750.00 | Each | 1 | | | | 1.00 | 7750.00 | 7750.00 |
| 123 | Supplying, fixing and wiring 0 to 600Volts **96x96mm AC Voltmeter** on existing panel/wood board. (Page No. 48, Item No. 5.22) | | | | | | | | | |
| | Basic Rate = | 377.00 | Each | 2 | | | | 2.00 | 377.00 | 754.00 |
| 124 | Supplying, fixing and wiring **50/5 to 400/5Amps** 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound (Page No. 48, Item No. 5.34) | | | | | | | | | |
| | Basic Rate = | 468.00 | Each | 2 | | | | 2.00 | 468.00 | 936.00 |
| 125 | Supplying and fixing of **LED type panel board** indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C (Page No. 48, Item No. 5.38) | | | | | | | | | |
| | Basic Rate = | 430.00 | Each | 1 | | | | 1.00 | 430.00 | 430.00 |
| 126 | Supplying of on **over switches 4 poles**, AC-23A Duty, 415V, 50Hz, AC Supply. (Page No. 45, Item No. 5.11.3) 125Amps | | | | | | | | | |
| | Basic Rate = | 7100.00 | Each | 2 | | | | 2.00 | 7100.00 | 14200.00 |
| 127 | Supplying and fiixing of **heavy duty cable glands** suitable for UG cable of 1.1 KV class (metal only)(Page No. 62, Item No. 6.14.6) | | | | | | | | | |
| | **63mm dia** | | | | | | | | | |
| | Basic Rate = | 388.00 | Each | 2 | | | | 2.00 | 388.00 | 776.00 |
| 128 | Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.(Page No. 64, Item No. 6.29.9 & 6.29.4) | | | | | | | | | |
| | **50 sqmm Long Barrel** | | | | | | | | | |
| | Basic Rate = | 60.00 | Each | 15 | | | | 15.00 | 60.00 | 900.00 |
| 129 | **6 sqmm** | | | | | | | | | |
| | Basic Rate = | 7.00 | Each | 15 | | | | 15.00 | 7.00 | 105.00 |
| 130 | Supplying fixing and wiring earth **electrode for grounding** of lifts, transformers, DG sets etc using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm alround with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts. (Page No. 55, Item No. 6.2) | | | | | | | | | |
| | Basic Rate = | 4150.00 | Each | 2 | | | | 2.00 | 4150.00 | 8300.00 |
| 131 | Supplying and running of GI/**Copper strips** for grounding connections, using necessary fixing materials as required. (Page No. 55, Item No. 6.3.2) GI strip 25x6mm | | | | | | | | | |
| | Basic Rate = | 115.00 | Mtr | 25 | | | | 25.00 | 115.00 | 2875.00 |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Part C- Providing light fixtures and accessories** | | | | | | | | | |
| 132 | Supplying of 2' feet - **LED PVC Square Batten** ..W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical condition (Page No. 25, Item No. 12.3) **LED light fighting 2x4' - 20/22 watts** | | | | | | | | | |
| | Basic Rate = | 625.00 | Each | 10 | | | | 10.00 | 625.00 | 6250.00 |
| 133 | Supplying and fixing **PBBC/Bakelite straight** or slant batten holder and wiring with 60w/230 volts lamp. (Page No. 20, Item No. 4.2) | | | | | | | | | |
| | Basic Rate = | 183.00 | Each | 10 | | | | 10.00 | 183.00 | 1830.00 |
| 134 | Supplying capacitor type **ceiling fan** complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. (Page No. 78, Item No. 7.3.2) 56" Sweep (1400mm) Regular moduel | | | | | | | | | |
| | Basic Rate = | 2127.00 | Each | 6 | | | | 6.00 | 2127.00 | 12762.00 |
| 135 | Fixing all types and all capacities **fluorescent / false ceiling/spotlight/ CFLfittings indoor on the wall/ ceiling/rafters / girders** using 23/0.0076" twin twisted RVC insulated wires, required nos of round blocks and clamps (if required) (Page No. 78, Item No. 14.7) | | | | | | | | | |
| | Basic Rate = | 110.00 | Each | 10 | | | | 10.00 | 110.00 | 1100.00 |
| 136 | Fixing **fluorescent light** using 2mtr long 19mm 18 SWG enameled braised conduit of two Nos. rod pendent with ball socket with check nuts all nickel plated (Page No. 109, Item No. 14.7.4) | | | | | | | | | |
| | Basic Rate = | 492.00 | Each | 10 | | | | 10.00 | 492.00 | 4920.00 |
| 137 | Fixing a ceiling /Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps.ceiling rose,necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire of approved quality, mounted on a suitable aize wooden board and wired(Page No. 109, Item No. 14.9) | | | | | | | | | |
| | Basic Rate = | 260.00 | Each | 6 | | | | 6.00 | 260.00 | 1560.00 |
| 138 | Fixing a ceiling fan with extra length of GI pipe of class B 19mm dia for down rod(Page No. 109, Item No. 14.10) | | | | | | | | | |
| | Basic Rate = | 160.00 | Each | 6 | | | | 6.00 | 160.00 | 960.00 |
| | | | | | | | | | | |
| | **EXTERNAL LIGHTING** | | | | | | | | | |
| 139 | LED Street light/Flood Light. Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs. 50000 hr. @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection-Min 4 KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. | | Nos | 10 | | | | 10.00 | 12300.00 | 123000.00 |
| 140 | LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI 75+. housing with supplier word mark / name shall be engraved / Embossing on the die cast housing / body part. . Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacturer. Suitable for A1/A2 Roads as per IS 1944 Part I & Part II. | | | | | | | | | |
| | 200 Watts | | Nos | 15 | | | | 15.00 | 17500.00 | 262500.00 |

| Sl. No. | Description of works | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|
| 141 | Supplying of LED Floodlight/High Baylight with .....W System Power consumption pressure die cast aluminum housing with powder coating with IP 65 protection. 1, 200-275V voltage with electronic Driver, PF>0.9, should meet ANSI 2G Vibration test, Compliance to UL/CE with Class I. System rating shall be 50K hrs. @ Lumen maintenance of 70%, system efficacy > 80lm/w. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer.LED Floodlight 150W | Nos | 8 | | | | 8.00 | 10250.00 | 82000.00 |
| 142 | Supply of 2'x2' LED recessed luminaire with ...Watts system wattage. Housing shall be with pressure die cast aluminum alloy with corrosion proof resistant polyester power coated. Driver operates with voltage range from 100V to 270V 50/60 Hz with short circuit, overload & mis-wiring protection. Lumen Maintenance of 70% at 50000 Hrs. Injection moulded poly carbonate diffuser for better mechanical stability, light transmission & avoid pot hole effect. Junction temperature shall be < 70 degree Celsius. Driver is on constant current driver @ 0.06A with PF > 0.92 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens with < 80mm depth. 5 years Warranty against any manufacturing defect working under standard electrical condition LED modular down light 2'x2'-36 watts | Nos | 4 | | | | 4.00 | 5200.00 | 20800.00 |
| 143 | 3)LED modular down light 2'x2'-55 watts | Nos | 2 | | | | 2.00 | 5600.00 | 11200.00 |
| 144 | Fabricating, supplying and erecting swaged tubular pole of height ...Mtr having three sections, and providing two coats of red oxide paint and finished with two coats of enameled paint of approved quality and colour and M.S. base plate of suitable size welded at the bottom of the pole(as per IS) and 40mm dia GI / flexible PVC pipe of 1 mtr length fitted to the heavy gauge polycarbonate control box including 5way connector of size 167x125x82mm for 7.5M pole/200x160x98mm for remaining length of pole with front opening cover, with locking arrangements and suitable capacity MCB / DP switch, The pole shall be erected in cement concrete work (1:2:4) including excavation and refilling of planting depth of the pole to the ground level and the coping CC shall be up to 0.6M above ground level as per IS 2713 - 7. Erection of heavy duty pole on Footpath / median 10Mt (5Mt Hb,165.1mm dia 4.85mm thick x3M Hm, 139.7mm dia 4.50mm thick x 2M Ht,114.3mm dia 3.65mm thick) as per IS 410 SP 47 | Nos | 4 | | | | 4.00 | 16720.00 | 66880.00 |
| 145 | Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.40x40x6mm | Mtrs | 150 | | | | 150.00 | 255.00 | 38250.00 |
| 146 | Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete.16SWG | Sqcms | 75000 | | | | 75000.00 | 0.35 | 26250.00 |

| Sl. No. | Description of works | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|
| 147 | Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. ( Icu = Ics) FOUR POLE100Amps 25kA. | Nos | 2 | | | | 2.00 | 6400.00 | 12800.00 |
| 148 | Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.6-32Amps SP | Nos | 20 | | | | 20.00 | 434.00 | 8680.00 |
| 149 | Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 4 core 16 sqmm | Mtrs | 115 | | | | 115.00 | 150.00 | 17250.00 |
| 150 | 6)3.5 core 35 sqmm | Mtrs | 95 | | | | 95.00 | 225.00 | 21375.00 |
| 151 | Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. 6 sqmm to 16 sqmm | Mtrs | 150 | | | | 150.00 | 11.88 | 1782.00 |
| 152 | 25 sqmm to 75 sqmm | Mtrs | 120 | | | | 120.00 | 15.50 | 1860.00 |
| 153 | Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)In soil (hord) | Mtrs | 120 | | | | 120.00 | 102.00 | 12240.00 |
| 154 | Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -B. 1)1 sqmm. | Mtrs | 60 | | | | 60.00 | 14.00 | 840.00 |
| 155 | 2)1.5 sqmm | Mtrs | 70 | | | | 70.00 | 20.00 | 1400.00 |
| 156 | 3)2.5 sqmm | Mtrs | 40 | | | | 40.00 | 32.00 | 1280.00 |
| 157 | 4)4 sqmm | Mtrs | 40 | | | | 40.00 | 45.00 | 1800.00 |
| 158 | Supplying heavy gauge PVC conduit pipe .....dia .....mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.19/20mm | Mtrs | 120 | | | | 120.00 | 50.00 | 6000.00 |
| 159 | Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.40mm | Mtrs | 30 | | | | 30.00 | 335.00 | 10050.00 |
| 160 | Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm | Nos | 20 | | | | 20.00 | 1917.00 | 38340.00 |
| | TOTAL BUILDING WORK | | | | | | | | |
| | DEVELOPMENTAL WORKS | | | | | | | | |
| 161 | KSRRB M200-15.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry.B. Rubble stone masonry in cement mortar. MORTH Specification No. 202 (PWD, S.R. 2016-17)(Page No. 140, item No. 18.27) | | | | | | | | |
| | Basic Rate = 351.00 | | | | | | | | |
| | Area Weightage @8%= 28.08 | | | | | | | | |
| | Total Rate = 379.08 | Cum | | | | | | | |
| | Existing Compound wall - For fencing | | | | | | | | |
| | Total lenth = 120m | | | | | | | | |
| | 1st step | | 1 | 120.00 | 0.60 | 0.60 | 43.20 | | |
| | 2nd step | | 1 | 120.00 | 0.45 | 0.75 | 40.50 | | |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 83.70 | 379.08 | 31729.00 |
| 162 | KSRB 2-2.1: Earthwork excavation by manual means for foundation of buildings,water supply,sanitary lines and electrical conduits either in pis or in trenches1.5m and above in width,in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits & trenches ,stacking the excavated soil clear from the edges of excavation with lead upto 50m after breaking of clods complete as per specifications. specification No.KBS2.1(b) /2.3.5 - Ordinary soil(PWD, S.R. 2018-19)(Page No. 6, Item No.2.3) | | | | | | | | | |
| | Basic Rate = | 299.00 | | | | | | | | |
| | Area Weightage @8%= | 23.92 | | | | | | | | |
| | **Total Rate =** | **322.92** | Cum | | | | | | | |
| | Gallery 1 | | | | | | | | | |
| | foundation | | | 4 | 1.70 | 1.70 | 1.50 | 17.34 | | |
| | retailing wall slan | | | 1 | 12.50 | 0.90 | 1.20 | 13.50 | | |
| | Gallery 2 | | | | | | | | | |
| | foundation | | | 6 | 1.70 | 1.70 | 1.50 | 26.01 | | |
| | retailing wall slan | | | 1 | 18.00 | 0.90 | 1.20 | 19.44 | | |
| | For fencing | | | | | | | | | |
| | Total lenth = 120m | | | 1 | 120.00 | 0.90 | 1.20 | 129.60 | | |
| | | | | | | | | 205.89 | 322.92 | 66486.00 |
| 163 | KSRB5.2.2: Providing and constructing granite/trap/basalt size stone masonry in foundation with cement mortor 1:8,stone hammer dressed in courses less than 20 cms high.bond stones at 2 m apart in each course, including cost of all materials ,labour, curing complete as per specification. No. KBS 5.1.13 (PWD, S.R. 2018-19)( Page No. 25, item No. 5.5) | | | | | | | | | |
| | Basic Rate = | 4494.00 | | | | | | | | |
| | Area Weightage @8%= | 359.52 | | | | | | | | |
| | **Total Rate =** | **4853.52** | Cum | | | | | | | |
| | For fencing | | | | | | | | | |
| | Total lenth = 120m | | | | | | | | | |
| | 1st step | | | 1 | 120.00 | 0.60 | 0.60 | 43.20 | | |
| | 2nd step | | | 1 | 120.00 | 0.45 | 1.05 | 56.70 | | |
| | | | | | | | | 99.90 | 4853.52 | 484866.65 |
| 164 | KSRB4-1.3:- Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57 cum machine mixed concrete laid layers not exceeding 15cms thick well compacted in foundation and plinth including cost of all materials, labour. HOM of mahinery, curing complete as per specifications . specification no KBS 4.1,4.2 (PWD, S.R. 2018-19)(Page No. 13, Item No.4.3) | | | | | | | | | |
| | Basic Rate = | 5102.00 | | | | | | | | |
| | Area Weightage @8%= | 408.16 | | | | | | | | |
| | **Total Rate =** | **5510.16** | Cum | | | | | | | |
| | Gallery 1 | | | 1 | 12.50 | 5.40 | 0.15 | 10.13 | | |
| | Gallery 2 | | | 1 | 18.00 | 5.40 | 0.15 | 14.58 | | |
| | For fencing | | | | | | | | | |
| | Total lenth = 120m | | | 1 | 120.00 | 0.60 | 0.15 | 10.80 | | |
| | | | | | | | | 35.51 | 5510.16 | 195638.23 |
| 165 | KSRB 15.1.2 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:4, 20mm deep, after raking joints to depth of 20mm nicely lining,including cost of materials,labour,curing complete as per Specifications.(P.No.115, I.No.15.2 of PW, P&IWTD SR 2018-19) | | | | | | | | | |
| | Basic Rate = | 140.00 | | | | | | | | |
| | Area Weightage @8%= | 11.20 | | | | | | | | |
| | **Total Rate =** | **151.20** | Sqm | | | | | | | |
| | For fencing | | | | | | | | | |
| | Total lenth = 120m | | | 1 | 120.00 | | 0.45 | 54.00 | | |
| | | | | | | | | 54.00 | 151.20 | 8164.80 |
| 166 | KSRB - 4.1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarsed aggregates @ 0.878cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms.thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2(P.No.12, I.No.4.6 of PW, P&IWTD SR 2018-19) | | | | | | | | | |
| | Basic Rate = | 5422.00 | | | | | | | | |
| | Area Weightage @8%= | 433.76 | | | | | | | | |
| | **Total Rate =** | **5855.76** | Cum | | | | | | | |
| | For fencing | | | | | | | | | |
| | Coping on top of basement | | | 1 | 120.00 | 0.45 | 0.15 | 8.10 | | |
| | | | | | | | | 8.10 | 5855.76 | 47431.66 |
| 167 | Fabricating providing and erecting in position of MS hot dipped galvanized sq hallowpoles of 132x132 heavy gauge length 3000mm with Mshot dipped galvanised grill work as per approved design and drawing of chief architect using 12x75mm galvanized flat for alround frame and 20x20 mm galvanised forgedornamental arrowhead in top and bottom the work, including welding , grinding finishing 2 coats of anticorrosive paint over one coat of metal paint, as per direction of engineer incharge | | | | | | | | | |
| | Data Rate = | 9144.14 | | | | | | | | |
| | Area Weightage @8%= | 0.00 | | | | | | | | |
| | **Total Rate =** | **9144.14** | Cum | | | | | | | |
| | For fencing | | | | | | | | | |
| | Grill | | | 1 | 120.00 | | 2.10 | 252.00 | | |
| | | | | | | | | 252.00 | 9144.14 | 2304323.28 |
| 168 | Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm X 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm X 6mm and 16 X16mm Suare roads for verticals alternatively spaced at 4cms c/c in two halves and 40mm X 6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as er specification.(P.No.45, I.No.7.37 of PW, P&IWTD SR 2018-19) | | | | | | | | | |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | Data Rate = | 3012.00 | | | | | | | | |
| | Area Weightage @8%= | 240.96 | | | | | | | | |
| | **Total Rate =** | **3252.96** | Sqm | | | | | | | |
| | For fencing | | | | | | | | | |
| | 2 gates | | | 1 | 5.00 | | 2.00 | 10.00 | | |
| | | | | | | | | **10.00** | **3252.96** | **32529.60** |
| 169 | KSRB 4.2.7 :Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in Ground Floor Level for Roof Slabs, Staircase, Lintels and Beams, retaining walls, return walls, Walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, Parapets, Coping, bed blocks, anchor blocks, Plain Window Cills, Fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (PWD, S.R. 2016-17)( Page No. 13, item No. 4.12) | | | | | | | | | |
| | Basic Rate = | 6045.00 | | | | | | | | |
| | Area Weightage @8%= | 483.60 | | | | | | | | |
| | **Total Rate =** | **6528.60** | Cum | | | | | | | |
| | Gallery 1 | | | | | | | | | |
| | Columns | | | 4 | 0.20 | 0.60 | 5.40 | 2.59 | | |
| | Foundation | | | 4 | 1.50 | 1.50 | 0.45 | 4.05 | | |
| | Beam | | | 1 | 12.50 | 0.20 | 0.60 | 1.50 | | |
| | Inclined beam | | | 4 | 12.17 | 0.20 | 0.45 | 4.38 | | |
| | Steps | | | 1 | 12.50 | 0.15 | 1.80 | 3.38 | | |
| | | | | 5 | 12.50 | 0.15 | 0.60 | 5.63 | | |
| | | | | 6 | 12.50 | 0.90 | 0.15 | 10.13 | | |
| | Foundation slab | | | 1 | 12.50 | 1.20 | 0.60 | 9.00 | | |
| | | | | | | | | | | |
| | Gallery 2 | | | | | | | | | |
| | Columns | | | 6 | 0.20 | 0.60 | 5.40 | 3.89 | | |
| | Foundation | | | 6 | 1.50 | 1.50 | 0.45 | 6.08 | | |
| | Beam | | | 1 | 18.00 | 0.20 | 0.60 | 2.16 | | |
| | Inclined beam | | | 6 | 12.17 | 0.20 | 0.45 | 6.57 | | |
| | Steps | | | 1 | 18.00 | 0.15 | 1.80 | 4.86 | | |
| | | | | 5 | 18.00 | 0.15 | 0.60 | 8.10 | | |
| | | | | 6 | 18.00 | 0.90 | 0.15 | 14.58 | | |
| | Foundation slab | | | 1 | 18.00 | 1.20 | 0.60 | 12.96 | | |
| | | | | | | | | | | |
| | Drain slab | | | 1 | 81.43 | | 0.15 | 12.21 | | |
| | | | | | | | | | | |
| | | | | | | | | **112.06** | **6528.60** | **731578.59** |
| 170 | KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (PWD, S.R. 2018-19)( Page No. 17, item No. 4.34) | | | | | | | | | |
| | Basic Rate = | 292.00 | | | | | | | | |
| | Area Weightage @8%= | 23.36 | | | | | | | | |
| | **Total Rate =** | **315.36** | Sqm | | | | | | | |
| | Gallery 1 | | | | | | | | | |
| | foundation | | | 4 | 6.00 | | 0.60 | 14.40 | | |
| | column | | | 4 | 1.60 | | 5.40 | 34.56 | | |
| | beam | | | 1 | 12.50 | | 1.60 | 20.00 | | |
| | Inclined beam | | | 4 | 12.17 | | 1.10 | 53.55 | | |
| | Retaining walls | | | 2 | 12.50 | | 1.80 | 45.00 | | |
| | Steps | | | 10 | 12.50 | | 0.60 | 75.00 | | |
| | | | | 6 | 12.50 | 0.90 | | 67.50 | | |
| | Gallery 2 | | | | | | | | | |
| | foundation | | | 6 | 6.00 | | 0.60 | 21.60 | | |
| | column | | | 6 | 1.60 | | 5.40 | 51.84 | | |
| | beam | | | 1 | 18.00 | | 1.60 | 28.80 | | |
| | Inclined beam | | | 6 | 12.17 | | 1.10 | 80.32 | | |
| | Retaining walls | | | 2 | 18.00 | | 1.80 | 64.80 | | |
| | Steps | | | 10 | 18.00 | | 0.60 | 108.00 | | |
| | | | | 6 | 18.00 | 0.90 | | 97.20 | | |
| | | | | | | | | **762.57** | **315.36** | **240484.08** |
| 171 | KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3<br>-do- TMT bars Fe 550(PWD, S.R. 2018-19)( Page No. 1, item No. 4.46.3) | | | | | | | | | |
| | Basic Rate = | 64961.00 | | | | | | | | |
| | Area Weightage @8%= | 5196.88 | | | | | | | | |
| | **Total Rate =** | **70157.88** | Tonne | | | | | | | |
| | Steps @ 110Kg/cum | | | | 112.06 | | | 123.26 | | |
| | | | | | | | | **123.26** | | |
| | | | | | | | | **12.33** | **70157.88** | **864788.83** |
| 172 | Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, curing etc.,complete. (P.No. 107, I.No. 14.51 of PWD SR 2018-19) | | | | | | | | | |
| | Basic Rate = | 4456.00 | | | | | | | | |
| | Area Weightage @8%= | 356.48 | | | | | | | | |
| | **Total Rate =** | **4812.48** | Sqm | | | | | | | |
| | Gallery 1 | | | | | | | | | |
| | Steps | | | 7 | 12.50 | | 0.60 | 52.50 | | |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 6 | 12.50 | 0.90 | | 67.50 | | |
| | Gallery 2 | | | | | | | | | |
| | Steps | | | 7 | 18.00 | | 0.60 | 75.60 | | |
| | | | | 6 | 18.00 | 0.90 | | 97.20 | | |
| | | | | | | | | **292.80** | **4812.48** | **1409094.14** |
| 173 | KSRB 14.6-2 :Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness ) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS (P.No. 101, I.No. 14.7 of CSR 2018-19) | | | | | | | | | |
| | Basic Rate = | 1110.00 | | | | | | | | |
| | Area Weightage @8%= | 88.80 | | | | | | | | |
| | **Total Rate =** | **1198.80** | Sqm | | | | | | | |
| | Walking pathway | | | 1 | 23.00 | 5.00 | | 115.00 | | |
| | Parking area 01 | | | 1 | 219.00 | | | 219.00 | | |
| | Parking area 02 | | | 1 | 89.00 | | | 89.00 | | |
| | | | | | | | | **423.00** | **1198.80** | **507092.40** |
| 174 | KSRB 14.6-2 :Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness ) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS (P.No. 101, I.No. 14.7 of CSR 2018-19) | | | | | | | | | |
| | Basic Rate = | 1110.00 | | | | | | | | |
| | Area Weightage @8%= | 88.80 | | | | | | | | |
| | **Total Rate =** | **1198.80** | Sqm | | | | | | | |
| | Walking pathway | | | 1 | 23.00 | 5.00 | | 115.00 | | |
| | Parking area 01 | | | 1 | 219.00 | | | 219.00 | | |
| | Steps | | | 6 | 89.00 | | | 534.00 | | |
| | | | | | | | | **868.00** | **1198.80** | **1040558.40** |
| 175 | KSRB 4-1.2 : Providing and laying in position plain **cement concrete of mix 1:3:6 with** OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No. 12/I.No. 4.2 of CSR 2018-19) | | | | | | | | | |
| | Basic Rate = | 5194.00 | | | | | | | | |
| | Area Weightage @8%= | 415.52 | | | | | | | | |
| | **Total Rate =** | **5609.52** | Cum | | | | | | | |
| | FLAGGING CONCRETE | | | | | | | | | |
| | **all around( remaining area)** | | | 1 | 278.00 | | 0.15 | 41.70 | | |
| | | | | | | | | **41.70** | **5609.52** | **233916.98** |
| | TOTAL - DEVELOPMENTAL WORKS | | | | | | | | | |
| | **Borewell** | | | | | | | | | |
| 176 | Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction **(Sl no.13.04) PRED.SR 2019-20** | | | | | | | | | |
| | **Basic Rate** | 3768.00 | | | | | | | | |
| | Area Weightage 3% | 113.04 | | | | | | | | |
| | Total | 3881.04 | | | | | | | | |
| | | | **Each** | 1 | | | | **1.00** | **3881.04** | **3881.04** |
| 177 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) Sl **no. 13.01 PRED SR 2019-20** | | | | | | | | | |
| | **Basic Rate** | 347 | | | | | | | | |
| | Area Weightage 3% | 10.41 | | | | | | | | |
| | Total | 357.41 | | | | | | | | |
| | 0 to 50 m | | **m** | 1 | 50.00 | | | **50.00** | 357.41 | 17870.50 |
| | **Basic Rate** | 442 | | | | | | | | |
| | Area Weightage 3% | 13.26 | | | | | | | | |
| | Total | 455.26 | | | | | | | | |
| 178 | 50 to 100 m | | **m** | 1 | 50.00 | | | **50.00** | 455.26 | 22763.00 |
| | **Basic Rate** | 456 | | | | | | | | |
| | Area Weightage 3% | 13.68 | | | | | | | | |
| | Total | 469.68 | | | | | | | | |
| 179 | 100 to 150 m | | **m** | 1 | 50.00 | | | **50.00** | 469.68 | 23484.00 |
| | **Basic Rate** | 536 | | | | | | | | |
| | Area Weightage 3% | 16.08 | | | | | | | | |
| | Total | 552.08 | | | | | | | | |
| 180 | 150 to 200 m | | **m** | 1 | 50.00 | | | **50.00** | 552.08 | 27604.00 |
| | **Basic Rate** | 634 | | | | | | | | |
| | Area Weightage 3% | 19.02 | | | | | | | | |
| | Total | 653.02 | | | | | | | | |
| 181 | 200 to 250 m | | **m** | 1 | 50.00 | | | **50.00** | 653.02 | 32651.00 |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Basic Rate** | 700 | | | | | | | | |
| | Area Weightage 3% | 21 | | | | | | | | |
| | Total | 721 | | | | | | | | |
| 182 | 251 to 300 m | | m | 1 | 50.00 | | | 50.00 | 721.00 | 36050.00 |
| | **Basic Rate** | 825 | | | | | | | | |
| | Area Weightage 3% | 24.75 | | | | | | | | |
| | Total | 849.75 | | | | | | | | |
| 183 | 300 to 350 m | | m | 1 | 50.00 | | | 50.00 | 849.75 | 42487.50 |
| 184 | Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) SE PRED III NO 84 | | | | | | | | | |
| | | | Rmtr | 1 | 54.00 | | | 54.00 | 1325.00 | 71550.00 |
| 185 | Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications. - 250mm dias. (Page No. 88 Item No. 12.116.5) PWD SR 2018-19 | | | | | | | | | |
| | **Basic Rate** | 2075 | | | | | | | | |
| | Area Weightage 3% | 62.25 | | | | | | | | |
| | Total | 2137.25 | | | | | | | | |
| | | | Rmtr | 1 | 12.00 | | | 12.00 | 2137.25 | 25647.00 |
| 186 | Providing 175mm dia ms casing cap **page no III it no 85 pred 12-13 sr** | | | | | | | | | |
| | | | No | 1 | | | | 1.00 | 100.00 | 100.00 |
| 187 | Providing MS Casing pipe collars **page no III it no 86 pred 12-13 sr** | | | | | | | | | |
| | | | No | 1 | 1.00 | | | 1.00 | 150.00 | 150.00 |
| 188 | Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / **Atalanta**/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings . Page 92 ITEM NO 13.6 )PWD SR 2018-19 | | | | | | | | | |
| | **12.5 HP /9.3kW 30 Stage** | | | 1 | | | | 1.00 | | |
| | | | Each | | | | | 1.00 | 60697.00 | 60697.00 |
| 189 | KSRB13-6: Providing and fixing to wall celling and floor glavanised/ mild steel tubes (medium grade 1.27 kg /mt ) B class **50 mm dia** nominal bore with all fittings ( earth work in trenches to be measured and paid for separately ) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. **(Page 92 ITEM NO 13.6 )PWD SR 2018-19** | | | | | | | | | |
| | Basic rate | 512.00 | | | | | | | | |
| | 3% AW | 15.36 | | | | | | | | |
| | Sub Total | 527.36 | | | | | | | | |
| | | | Mtr | 1 | 280.00 | | | 280.00 | 527.36 | 147660.80 |
| 190 | Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated extrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp OFGROUP A **P. No. 07/ I No. (2.6.4) 3cx 6.0 Sqm** | | | | | | | | | |
| | | | Mtr | 1 | 580.00 | | | 580.00 | 205.00 | 118900.00 |
| 191 | Labour charges for erection of new/ repaired submersible pumpset along with gi pipes inculding transportion each length **pno 558 ino 3 bwssb sr 14-15** | | | | | | | | | |
| | | | No | 1 | 50.00 | | | 50.00 | 88 | 4400.00 |
| 192 | Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on **fixing the same to the wall using tapered** inverted wooden plugs screws etc. **P No. 24 I No.6.6.6 KPWD Electrical SR 2019-20** | | | | | | | | | |
| | 20x20x2.5 | | Each | 1 | | | | 1.00 | 292 | 292.00 |
| 193 | Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group.**P No.40/ I No.6.4.4 ( 4 core 16 Sqmm)** | | | | | | | | | |
| | | | Mtr | 1 | 35.00 | | | 150.00 | 140.40 | 21060.00 |
| 194 | Labour charges for laying of 1.1 K.V class UG cable, **P No. 41 / I No. 6.5.1 In existing trencg/duct 6Sqmm to 16 Sqmm)** | | | | | | | | | |
| | | | Mtr | 1 | 35.00 | | | 35.00 | 11.88 | 415.80 |
| 195 | Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete. **No. 41/ I. No.6.6.4 KPWD Electrical SR 2019-20** | | | | | | | | | |
| | For Cutting Road Surface aspalt | | Mtr | 1 | 32.00 | | | 32.00 | 113.00 | 3616.00 |
| 196 | Supplying and fixing of Class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class.**P. No. 42/ I No.6.9.1 KPWD Electrical SR 2019-20** | | | | | | | | | |
| | 40mm dia GI pipe | | Mtr | 1 | 2.00 | | | 2.00 | 335.00 | 670.00 |
| 197 | Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.**P. No.42/ I No. 6.10.2 KPWD Electrical SR 2019-20** | | | | | | | | | |
| | 16Sqmm | | NO | 1 | | | | 1.00 | 270.00 | 270.00 |
| 198 | Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia. **(P No.40, I No. 6.1) KPWD Electrical SR 2019-20)** | | | | | | | | | |
| | | | NO | 1 | | | | 1.00 | 2999.70 | 2999.70 |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| 199 | Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.P No24/I No 5.7.4 KPWD Electrical SR 2019-20 | | | | | | | | | |
| | 100 Amps | | | | | | | | | |
| | | | Each | 1 | 3.00 | | | 3.00 | 349.00 | 1047.00 |
| 200 | Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete. P No 42 I No 6.11.2 KPWD Electrical SR 2019-20 | | | | | | | | | |
| | 25mm dia | | | | | | | | | |
| | | | Each | 1 | 6.00 | | | 6.00 | 84.00 | 504.00 |
| 201 | Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications.pno 27 IT 5.17.5 KPWD Electrical SR 2019-20 | | | | | | | | | |
| | 40 Amps DP | | Each | 1 | | | | 1.00 | 1336.00 | 1336.00 |
| 202 | Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility. P.No. 31, I. No.5.44 KPWD Electrical SR 2019-20 | | | | | | | | | |
| | 600mmx600mmx170mm | | | 1 | | | | 1.00 | | |
| | | | Each | | | | | 1.00 | 12081.00 | 12081.00 |
| 203 | KSRB 13-7.1-5: Providing and fixing in position 65mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.NO KBS 13.2.16 / 13.13 Page No.90 Item No. 13.56 / PWD SR 2018-19 | | | | | | | | | |
| | Basic rate | 1728.00 | | | | | | | | |
| | 3% AW | 51.84 | | | | | | | | |
| | Sub Total | 1779.84 | | | | | | | | |
| | | | NOS | 1 | | | | 1.00 | 1779.84 | 1779.84 |
| 204 | Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. P. No.92/ I. No. 13.81.3 PWD SR 2018-19 | | | | | | | | | |
| | Basic rate | 210.00 | | | | | | | | |
| | 3% AW | 6.30 | | | | | | | | |
| | Sub Total | 216.30 | | | | | | | | |
| | 50mm dia | | Each | 1 | 2.00 | | | 2.00 | 216.30 | 432.60 |
| 205 | Gate value 65mm nominal bore gun metal P. No.XXVI sl No. 662 | | | | | | | | | |
| | 65mm dia | | NOS | 1 | 2.00 | | | 2.00 | 1694.92 | 3389.84 |
| 206 | Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. PRED Bangalore Circle SE Approved Date 30.07.2010 12.5HP to 30 HP Star Delta Starter | | | | | | | | | |
| | | | No's | 1 | | | | 1.00 | 10000.00 | 10000.00 |
| 207 | Earth work excavation By Manuall Means for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in Soft rock/ ordinary rock not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications.(P.No.6, I.No.2.3) PWD SR 2018-19 | | | | | | | | | |
| | Basic rate | | | 299.00 | | | | | | |
| | 3% AW | | | 8.97 | | | | | | |
| | Sub Total | | | 307.97 | | | | | | |
| | | | | 1 | 100.00 | 0.60 | 0.70 | 42.00 | | |
| | | | Cum | | | | | 42.00 | 307.97 | 12935.00 |
| 208 | Filling the Foundation Trenches using approved Sand as per Drawing & Technical Specification in 250mm layers, Whereever necessary watering and ramming including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications Morth Chapter 12.(P.No.221, I.No.27.14) PWD SR 2018-19 | | | | | | | | | |
| | Basic rate | 3039.00 | | | | | | | | |
| | 3% AW | 91.17 | | | | | | | | |
| | Sub Total | 3130.17 | | | | | | | | |
| | | | | 1 | 100.00 | 0.60 | 0.25 | 15.00 | | |
| | | | Cum | | | | | 15.00 | 3130.17 | 46953.00 |
| 209 | KSRB13-9.4 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 63mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.No.KBS 13.2.15.2 / 13.9 (Page no.94, Item No.13.73.2) PWD SR 2018-19 | | | | | | | | | |
| | | | | 1 | 148.00 | | | 148.00 | | |
| | Basic rate | 372.00 | | | | | | | | |
| | 3% AW | 11.16 | Rmtr | | | | | 148.00 | 383.16 | 56708.00 |
| | Sub Total | 383.16 | | | | | | | | |
| 210 | KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. ( Page No.7, Item No. 2.11) PWD SR 2018-19 | | | | | | | | | |
| | Basic rate | 121.00 | | | | | | | | |
| | 3% AW | 3.63 | | | | | | | | |
| | Sub Total | 124.63 | | | | | | | | |
| | From Pipe line excavation | | | | | | | 42.00 | | |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | Deduct from item no. 30 | | | | | | | | | |
| | | | Cum | | | | | -15.00 | | |
| | BESCOM Deposit | | 1 | L/S | 1.00 | | | 27.00 | 124.63 | 3365.00 |
| | | | | | | | | | 13000.00 | 13000.00 |
| | **Total Borewell Cost** | | | | | | | | | |
| | **Gym Equipment for Park development** | | | | | | | | | |
| 211 | KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.143, I.No.19.1 of PW, P&IWTD SR 2018-19) | | | | | | | | | |
| | **Park Improvement** | | Cum | | | | | | | |
| | **For Gym Platform** | | 1 | 1 | 10.00 | 12.00 | 0.25 | 30.00 | | |
| | **Gym Equipment Post** | | 1 | 19 | 0.60 | 0.60 | 0.60 | 4.10 | | |
| | **Deduction** | | | | | | | | | |
| | **Gym Equipment Post** | | 1 | -19 | 0.60 | 0.60 | 0.25 | -1.71 | | |
| | | | | | | | | | | |
| | **A.Basic rate** | | 130.00 | | | | | 32.39 | 211.79 | 6860.66 |
| | **Loading and unloading with 5km lead= 57+2.0x1.28x5 =** | | 69.80 | | | | | | | |
| | **C (Area Weightage 6%)** | | 11.99 | | | | | | | |
| | **Total** | | 211.79 | | | | | | | |
| 212 | KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. MORTH Specification No. 2100 (P.No.222, I.No.27.18 of PW,P&IWTD S.R 2018-19) | | | | | | | | | |
| | **For Bed** | | Cum | | | | | | | |
| | For Gym Platform | | 1 | 1 | 10.00 | 12.00 | 0.10 | 12.00 | | |
| | Gym Equipment Post | | 1 | 19 | 0.60 | 0.60 | 0.10 | 0.68 | | |
| | **Deduction** | | | | | | | | | |
| | Gym Equipment Post | | 1 | -19 | 0.60 | 0.60 | 0.10 | -0.68 | | |
| | | | | | | | | | | |
| | **A.Basic rate** | 5115.00 | | | | | | 12.00 | 5421.90 | 65062.80 |
| | **B.Area Weightage 6%** | 306.90 | | | | | | | | |
| | **Total** | 5421.90 | | | | | | | | |
| 213 | KSRRB M2200-5.9. Providing and laying Design mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. - i) Upto 5 m height.(P.No.227, I.No.28.7.9 of PW, P&IWTD SR 2018-19) | | | | | | | | | |
| | **M20Concrete for Posts** | | Cum | | | | | | | |
| | Gym Equipment Post | | 1 | 19 | 0.60 | 0.60 | 0.50 | 3.42 | | |
| | **A.Basic rate** | 5173.00 | | | | | | 3.42 | 5483.38 | 18753.16 |
| | **B.Area Weightage 6%** | 310.38 | | | | | | | | |
| | **Total** | 5483.38 | | | | | | | | |
| 214 | KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407(P.No155 of I.No.20.20 in PW,P&IWTD SR 2018-19) | | | | | | | | | |
| | **Park Improvement** | | cum | | | | | | | |
| | For Gym Platform | | 1 | 1 | 10.00 | 12.00 | 0.20 | 24.00 | | |
| | **Deductions** | | | | | | | | | |
| | Gym Equipment Post | | 1 | -19 | 0.60 | 0.60 | 0.20 | -1.37 | | |
| | | | | | | | | | | |
| | **A.Basic rate** | 209.00 | | | | | | 22.63 | 221.54 | 5013.89 |
| | **B.Area Weightage 6%** | 12.54 | | | | | | | | |
| | **Total** | 221.54 | | | | | | | | |
| 215 | KSRRB M400-17: Providing, laying, spreading and compacting graded stones aggregate to Wet Mix Macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mix method of tipper to site,Laying in uniform layers with paver in subbase/base course on the well prepared surface and compacting with vibratory rollers to achive the desired density complete as per MORTH specification No. 406.etc with all lead and lifts and as per directions of the Engineer-in-charge.( Page No:155 Item No: 20.18, of KPWD SR Bangalore Circle 2018-19) | | | | | | | | | |
| | **Park Improvement** | | cum | | | | | | | |
| | For Gym Platform | | 1 | 1 | 10.00 | 12.00 | 0.20 | 24.00 | | |
| | **Deductions** | | | | | | | | | |
| | Gym Equipment Post | | 1 | -19 | 0.60 | 0.60 | 0.20 | -1.37 | | |
| | **A.Basic rate** | 1888.00 | | | | | | 22.63 | 2001.28 | 45292.97 |
| | **B.Area Weightage 6%** | 113.28 | | | | | | | | |
| | **Total** | 2001.28 | | | | | | | | |
| 216 | Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.(P.No. 112, I.No. 14.62 of PWD SR 2018-19) | | | | | | | | | |
| | **Park Improvement** | | Sqm | | | | | | | |
| | For Gym Platform | | 1 | 1 | 10.00 | 12.00 | | 120.00 | | |
| | **Deductions** | | | | | | | | | |
| | Gym Equipment Post | | 1 | -19 | 0.60 | 0.60 | | -6.84 | | |

| Sl. No. | Description of works | | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 113.16 | 1305.92 | 147777.91 |
| | A.Basic rate | 1232.00 | | | | | | | | |
| | B.Area Weightage 6% | 73.92 | | | | | | | | |
| | Total | 1305.92 | | | | | | | | |
| 217 | Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. (P.No 27 of I.No.5.30 in PW,P&IWTD SR 2018-19) | | | | | | | | | |
| | Park Improvement | | No. | | | | | | | |
| | For Gym Platform | | 1 | 1 | 44.00 | -- | /0.45 | 98.00 | | |
| | | | | | | | | 98.00 | 432.48 | 42383.04 |
| | Basic rate | 408.00 | | | | | | | | |
| | Area Weightage 6% | 24.48 | | | | | | | | |
| | Total | 432.48 | | | | | | | | |
| 218 | KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8(Page No.180. litem no.24.1 of KPWD S.R Bangalore Circle 2018-2019) | | | | | | | | | |
| | Park Improvement | | Sqm | | | | | | | |
| | For Gym Platform | | 1 | 1 | 44.00 | -- | 0.35 | 15.40 | | |
| | | | | | | | | 15.40 | 84.80 | 1305.92 |
| | Basic rate | 80.00 | | | | | | | | |
| | Area Weightage 6% | 4.80 | | | | | | | | |
| | Total | 84.80 | | | | | | | | |
| | GYM EQUIPMENTS | | | | | | | | | |
| 219 | Supply & fixing of Pull Down Challenger : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 2570 MM x 840 MM x 2200 MM . Capacity 2 persons | | | | | | | | | |
| | PULL DOWN CHALLENGER | | Each | | | | | | | |
| | | | 2 | 1 | | | | 2.00 | | |
| | | | | | | | | 2.00 | 296000.00 | 592000.00 |
| 220 | Supply & fixing of Seated Chest Press : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1955 MM x 730 MM x 1955 MM . Capacity 2 persons | | | | | | | | | |
| | SEATED CHEST PRESS | | Each | | | | | | | |
| | | | 2 | 1 | | | | 2.00 | | |
| | | | | | | | | 2.00 | 287500.00 | 575000.00 |
| 221 | Supply & fixing of Self Weighted Rower : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1390 MM x 805 MM x 1198 MM . Capacity 1 person | | | | | | | | | |
| | SELF WEIGHTED ROWER | | Each | | | | | | | |

| Sl. No. | Description of works | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|
| | | 2 | 1 | | | | 2.00 | | |
| | | | | | | | | | |
| | | | | | | | 2.00 | 206250.00 | 412500.00 |
| 222 | Supply & fixing of Rider : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 910 MM x 655 MM x 1210 MM . Capacity 1 person | | | | | | | | |
| | RIDER | Each | | | | | | | |
| | | 2 | 1 | | | | 2.00 | | |
| | | | | | | | | | |
| | | | | | | | 2.00 | 112500.00 | 225000.00 |
| 223 | Supply & fixing of Bicycle : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1000 MM x 500MM x 1290MM . Capacity 1 person | | | | | | | | |
| | BICYCLE | Each | | | | | | | |
| | | 1 | 1 | | | | 1.00 | | |
| | | | | | | | | | |
| | | | | | | | 1.00 | 156250.00 | 156250.00 |
| 224 | Supply & fixing of Arm & Pedal Bike : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 830 MM x 500MM x 1450 MM . Capacity 1 person | | | | | | | | |
| | ARM & PEDAL BIKE | Each | | | | | | | |
| | | 1 | 1 | | | | 1.00 | | |
| | | | | | | | | | |
| | | | | | | | 1.00 | 212500.00 | 212500.00 |
| 225 | Supply & fixing of Tai Chi Spinners : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1150 MM x 1120 MM x 1620 MM . Capacity 2 persons | | | | | | | | |
| | TAI CHI SPINNER'S | Each | | | | | | | |
| | | 1 | 1 | | | | 1.00 | | |
| | | | | | | | 1.00 | 143750.00 | 143750.00 |

| Sl. No. | Description of works | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|
| 226 | Supply & fixing of Big Shoulder Wheel : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 845 MM x 810MM x 1710MM . Capacity 2 persons | | | | | | | | |
| | BIG SHOULDER WHEEL | Each | | | | | | | |
| | | 1 | 1 | | | | 1.00 | | |
| | | | | | | | 1.00 | 156250.00 | 156250.00 |
| 227 | Supply & fixing of HD Double Health Walker :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. Internal Limited means no bump stops or crush points. Bearings : Maintenance-free ball bearings. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 2015 MM x 615 MM x 1360 MM . Capacity 2 persons | | | | | | | | |
| | HD DOUBLE HEALTH WALKER | Each | | | | | | | |
| | | 1 | 1 | | | | 1.00 | | |
| | | | | | | | 1.00 | 296000.00 | 296000.00 |
| 228 | Supply & fixing of HD Sit Up Station : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1365 MM x 1335 MM x 700 MM . Capacity 2 persons | | | | | | | | |
| | HD SIT UP STATION | Each | | | | | | | |
| | | 1 | 1 | | | | 1.00 | | |
| | | | | | | | 1.00 | 156250.00 | 156250.00 |
| 229 | Supply & fixing of HD Squat Pushing : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 2270 MM x 635 MM x 1640 MM . Capacity 2 persons | | | | | | | | |
| | HD SQUAT PUSHING | Each | | | | | | | |
| | | 1 | 1 | | | | 1.00 | | |
| | | | | | | | 1.00 | 268750.00 | 268750.00 |

| Sl. No. | Description of works | Unit | Nos | L | B | D | Quantity | Rate (in Rs.) | Amount (in Rs.) |
|---|---|---|---|---|---|---|---|---|---|
| 230 | Supply & fixing of HD Waist Twister :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. Internal Limited means no bump stops or crush points. Bearings : Maintenance-free ball bearings. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1460 MM x 1310 MM x 1150 MM . Capacity 3 persons | | | | | | | | |
| | HD WAIST TWISTER | Each | | | | | | | |
| | | 2 | 1 | | | | 2.00 | | |
| | | | | | | | 2.00 | 162500.00 | 325000.00 |
| 231 | Supply & fixing of HD Mini Ski :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. Internal Limited means no bump stops or crush points. Bearings : Maintenance-free ball bearings. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1150 MM x 900MM x 1285 MM . Capacity 2 persons | | | | | | | | |
| | HD MINI SKI | Each | | | | | | | |
| | | 2 | 1 | | | | 2.00 | | |
| | | | | | | | 2.00 | 199100.00 | 398200.00 |
| | kalzip roofing | | | | | | | | |
| 232 | Supply and fixing of single skin kalzip roofing systems of 65/400, 0.9mm thick Aluminium standing seam roof sheets. The sheets comprise of Profiled sheeting of Aluminium self-supported standing seam roof system manufactured from Aluminium alloy AA 3004, minimum material thickness of 0.9mm and PVDF finishing RAL 9006 on the exposed surface with ST clips and necessary accessories. Structure: (i) Supplying, cutting, bending and fabricating hot rolled plates, sag rods, brackings and connection bolts to form a column, truss with base plates and purlins. (ii) Erection of the above truss work structure at required height. (iii) Providing and applying one coat of red oxide primer and two coats of synthetic enamel paint. The scope of work includes a) Design, Engineering, Fabrication and erection of steel structure, roof sheeting and facade system. b) Supply and installation of flashing, capping, screws and all other necessary accessories. | | | | | | | | |
| | | Sqm | | | | | | | |
| | Above Stage | | 1 | 15.00 | 6.20 | | 93.00 | | |
| | Gallery - 01 | | 1 | 13.00 | 5.60 | | 72.80 | | |
| | Gallery - 02 | | 1 | 18.50 | 5.60 | | 103.60 | | |
| | | | | | | | 269.40 | 15025.00 | 4047735.00 |
| | | | | | | | | Estimated Cost (Grand Total) | 21783894.38 |
| | Tender Premier (5% of the estimated cost) | | | | | | | | 1089194.72 |
| | GST (12% of the estimated cost) | | | | | | | | 1624814.20 |
| | DPR & PMC Charges (2% of total cost) | | | | | | | | 500000.00 |
| | Miscellaneous and Rounding off | | | | | | | | 2096.70 |
| | | | | | | | | Project Cost | 25000000.00 |

Assistant Engineer,
Yelahanka Project Division
BBMP Bangalore

Asst. Executive Engineer,
Yelahanka Project Division
BBMP Bangalore

Executive Engineer,
Yelahanka Project Division
BBMP Bangalore

Technical Sanction
Accorded For Rs 250.00 lakhs only
Head of A/C P1732
CER NO : 118 Dt: 07.09.2020
TA CE (YNK)

Administrative Approval
Accorded For Rs. 200.00 lakhs
Head of A/C P1732
CER NO : 07 Dt: 12/7/2021
E.E; (Project)